

20000324.qrp v01_n770.qrl.20000324

Date: Fri, 24 Mar 2000 19:03:16 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1770

QRP-L Digest 1770

Topics covered in this issue include:

- 1) [66386] Milliwatt CW Contest Second Leg "Triple Crown" reminder
by "Jay Bromley" <w5jay@alltel.net>
- 2) [66387] RE: Summary of Atlanticon "extras"
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 3) [66388] WTB: Plastic Variable Cap's...
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
- 4) [66389] Re: Fox
by "George T. Baker" <w5yr@att.net>
- 5) [66390] A K2 a day....
by Ed Loranger <we6w@qsl.net>
- 6) [66391] What's the procedure? And all the other stuff-
by John Paul Dooley <w6zip@gte.net>
- 7) [66392] RHR40 On the Air!
by Brian Miller <millerbk@lancnews.infi.net>
- 8) [66393] FS: MFJ-971 tuner
by Rich Mulvey <mulveyr@iname.com>
- 9) [66394] Thanks
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 10) [66395] Devils Lake State Park
by GUARDM@aol.com
- 11) [66396] Devils Lake State Park
by GUARDM@aol.com
- 12) [66397] Re: ArkieCon from NE, IA, MO
by Darrel Swenson <darrel_kb0awb@tcon1.com>
- 13) [66398] HW-9 crystals ??
by Ham <hduff@ica.net>
- 14) [66399] SMK-1 Query
by "Steve/n0tu" <n0tu@webaccess.net>
- 15) [66400] Re: What is NVIS?
by Lee Hopper <leehop@uswest.net>
- 16) [66401] Re: First storebought antenna
by david fouchey <dafouchey@home.com>
- 17) [66402] PLEASE..MORE RADIO TALES
by "Andy GM0NWI" <Gm0nwi@tesco.net>
- 18) [66403] Re: SMK-1 Query
by "Doug Hendricks" <ki6ds@hotmail.com>
- 19) [66404] My first kit....most memorable

by Makos327@aol.com

20) [66405] NVIS Answered
by "Mike Duke" <k5xu@concentric.net>

21) [66406] Re: Fox
by w2xn@juno.com

22) [66407] C U At Atlanticon!
by Richard Arland <k7sz@epix.net>

23) [66408] Full Callsign Exchanges
by QRP <qrp@email.com>

24) [66409] procmail question
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>

25) [66410] We should
by "Andy GM0NWI" <Gm0nwi@tesco.net>

26) [66411] Re: HOMEBREW: SWL SW40+ schematic URL update - QRP Homebrewer
article
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>

27) [66412] HEATH RECEIVER, ant. replacement
by Stuart Rohre <rohre@arlut.utexas.edu>

28) [66413] Re: What's the procedure? And all the other stuff-
by Macstein@aol.com

29) [66414] HB: SMT Rig #2
by "Steven Weber" <kd1jv@moose.ncia.net>

30) [66415] My First station
by Rod Johnson <ka7you@juno.com>

31) [66416] Re: Plastic Variable Cap's...
by "Steve Yates, AA5TB" <aa5tb@swbell.net>

32) [66417] Re: No partial calls anymore
by Bob Patten <n4bp@bc.seflin.org>

33) [66418] MFJ Cub & other blather
by Russ Garner <71544.1645@compuserve.com>

34) [66419] Psssk! Another Small Wonder...
by "Ed Tanton" <n4xy@att.net>

35) [66420] Re: Kits: Another Small Wonder...
by "Dave Benson" <nn1g@earthlink.net>

36) [66421] Comparitive reviews of Amateur Equipment
by joe lerch <joelerch@earthlink.net>

37) [66422] Fox
by Wayne Alexander <walexan@ipa.net>

38) [66423] Appalachian Trail in NJ today (Friday) on 20m and 40m
by aa5yx@juno.com

39) [66424] RE: manhattan style 20m ssb sw xcvr
by "AI2Q Alex" <ai2q@ispchannel.com>

40) [66425] Time change in the UK
by "Hartwell, Martin E (Marty)" <mhartwell@lucent.com>

41) [66426] Re: Fox
by "Frank Krozel" <frank@electronicinstrument.com>

42) [66427] Devils lake trip postponed until Monday.
by GUARDM@aol.com

- 43) [66428] No partial calls anymore
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 44) [66429] CONTEST: QRP Calendar - This Weekend
by Ken Newman <N2CQ@citnet.com>
- 45) [66430] Re: No partial calls anymore
by "Barry L. Geipel AD6HR" <bgeipel@primenet.com>
- 46) [66431] Plastic Variable Cap's (THANKS!)
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
- 47) [66432] Old J-37 Gets New Life
by Bruce Kizerian <kizerian@ced.utah.edu>
- 48) [66433] Finding transistor specifications
by John D Young <jdy@whitney.ufl.edu>
- 49) [66434] Re: Appalachian Trail in NJ today (Friday) on 20m and 40m
by k1vp@lawson-philpot.com
- 50) [66435] RE: What is NVIS?
by Nick Kennedy <nkennedy@tcainternet.com>
- 51) [66436] Re: Plastic Variable Cap's (THANKS!)
by Bruce Kizerian <kizerian@ced.utah.edu>
- 52) [66437] RE: What's the procedure? And all the other stuff-
by "AI2Q Alex" <ai2q@ispchannel.com>
- 53) [66438] Re: What is NVIS?
by "George T. Baker" <w5yr@att.net>
- 54) [66439] Re: Kits: Another Small Wonder...
by "George Heron N2APB" <n2apb@erols.com>
- 55) [66440] Re: No partial calls anymore
by Roger Hightower <n7kt@worldnet.att.net>
- 56) [66441] Re: Psssk! Another Small Wonder...
by Bob Nielsen <nielsen@primenet.com>
- 57) [66442] Wire/Rope ant
by hamjoel@juno.com
- 58) [66443] Wire / Rope Ant:
by hamjoel@juno.com
- 59) [66444] Re: No partial calls anymore
by Jim Glover <psykey@okcforum.org>
- 60) [66445] Re: What's the procedure? And all the other stuff-
by Dave Sjolin <sjolin@swbell.net>
- 61) [66446] Re: No partial calls anymore
by Roger Hightower <n7kt@worldnet.att.net>
- 62) [66447] Re: No partial calls anymore
by "J. Ervin Bates" <w8erv@email.msn.com>
- 63) [66448] Re: What is NVIS?
by Jim/Julia <w7ls@blarg.net>
- 64) [66449] Re: No partial calls anymore
by "John Moriarity" <k6qq@hdo.net>
- 65) [66450] Re: No partial calls anymore
by "Barry L. Geipel AD6HR" <bgeipel@primenet.com>
- 66) [66451] OP: KF2PH? Maybe Not
by "Franco, Nicholas J" <franco@bnl.gov>

67) [66452] QRP-L No. .. Do I Have One...?
by "Andy GM0NWI" <Gm0nwi@tesco.net>

68) [66453] Re: No partial calls anymore
by George F Franklin <w0av@juno.com>

69) [66454] Re: What is NVIS?
by "Victor Blackwell" <victor@brecnet.com>

70) [66455] Fw: What is NVIS?
by "Victor Blackwell" <victor@brecnet.com>

71) [66456] Partial calls.
by sdk@worldpath.net

72) [66457] A` GOT MA No.. if you need it...
by "Andy GM0NWI" <Gm0nwi@tesco.net>

73) [66458] Atlanticon Ho!
by "John L. Sielke" <n4js@pobox.com>

74) [66459] Re: ArkieCon from NE, IA, MO
by "Kelly Ellison" <kelman@dialnet.net>

75) [66460] Re: No partial calls anymore
by Bruce Muscolino <w6toy@erols.com>

76) [66461] Bi-weekly Reminder Re: QRP-L No. .. Do I Have One...?
by "Paul R. Valko" <prvalko@oakland.edu>

77) [66462] Re: What is NVIS?
by Michael Neverdosky <mneverdosky@earthlink.net>

78) [66463] Forums: ArkieCon Freebies and Kit Testdrive
by "Doug Hendricks" <ki6ds@hotmail.com>

79) [66464] Re: Partial calls.
by "Bill Allen" <bill@pcatexas.com>

80) [66465] Re: Bi-weekly Reminder Re: QRP-L No. .. Do I Have One...?
by "Paul R. Valko" <prvalko@oakland.edu>

81) [66466] Help with list
by "V.C. Angell" <angell@pop3.spacestar.net>

82) [66467] WTB:Vibroplex Blue Racer Bug
by ABCQRP <w6abc@yahoo.com>

83) [66468] project suggestions
by "V.C. Angell" <angell@pop3.spacestar.net>

84) [66469] Re: No partial calls anymore
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>

85) [66470] Car Pool ArkieCon list
by "Jay Bromley" <w5jay@alltel.net>

86) [66471] Re: No partial calls anymore
by Roger Hightower <n7kt@worldnet.att.net>

87) [66472] Re: No partial calls anymore
by Vince Werber <kaliic@ime.net>

88) [66473] Re: HB: Low Phase Noise VFO
by Laura Halliday <va3ldh@sympatico.ca>

89) [66474] Particle Call
by "Victor Blackwell" <victor@brecnet.com>

90) [66475] QRP and Gel Cells
by "Richard Clemens" <clemens@wvwc.edu>

- 91) [66476] WTB: 30 and 15 meter rigs
by Kg2jff@aol.com
- 92) [66477] RE: No partial calls anymore
by carlos.caro@lmco.com
- 93) [66478] Re: No partial calls anymore
by "Mike Yetsko" <myetsko@insydesw.com>

Date: Thu, 23 Mar 2000 15:44:12 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Subject: [66386] Milliwatt CW Contest Second Leg "Triple Crown" reminder
Message-ID: <015601bf9510\$f08ab220\$4d9b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
Dave Gauding's post on Brice Anderson reminded me I needed
to post the rules on the upcoming Milliwatt contest. Don't forget!
73 de w5jay..

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CONTEST: Milliwatt CW contest Second Leg of "Triple Crown".

DATES AND TIMES: Friday April 15th, 2000. 2200Z to 0200 Z,
Saturday, April 16th, 0000Z to 0400Z and, Sunday, April 17, 0200Z
to 0600Z,

Contestants may submit a log for only 2 days of the 3 day contest.

EXCHANGE: Exchange RST, SPC, First Name, PWR.
Suggest using W as decimal point when reporting power. I.e., 1W5 =
1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.

SCORING: QSO points are awarded to contestants according to their power
output. Power may be changed from QSO to QSO and must be noted in the
log.

1001mW and over	1	Point
501mW to 1000mW	2	Points
251mW to 500mW	4	Points
101mW to 250mW	8	Points
51mW to 100mW	16	Points
26mW to 50mW	32	Points
11mW to 25mW	64	Points
1mW to 10mW	128	Points

<1mW 500 Points

NOTE: No schedules or prearranged contacts between stations are permitted.

BONUS MULTIPLIER: Number of identical first letters of first names worked. I.e., worked Jim, John, Jennie, Joe, Jack, = 5 multiplier. Note: one name only counts once - if you work 10 Jacks, that's still just one multiplier.

CLUB BONUS: Anyone who works a club station which is running the specified power levels listed below collects bonus points as follows: (Clubs will not raise or lower power to accommodate a single QSO.)

900mW	1,000 points
500mW	2,000 points
250mW	3,000 points
100mW	4,000 points
50mW	5,000 points

Calculate score for each days activity:

$(QSO \text{ Points}) \times (\text{Total SPC Multipliers all bands}) \times (\text{Bonus Multiplier}) + (\text{Club Bonus total}) = \text{Daily Score.}$

Add the two best daily scores to find Total Score.

PRIZES: TBA

LOGS: Submit logs before June 1st, 2000. Winners will be announced on QRP-L and KLQRP. Send logs to:

Ed Rowan
1450 North Main Street
Greenwood, Ar. 72936

email entries to: ac5dc@amsat.org

Date: Thu, 23 Mar 2000 16:54:36 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'n2apb@erols.com'" <n2apb@erols.com>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [66387] RE: Summary of Atlanticon "extras"
Message-ID: <125490A005E3D3118C9C00805FC743CC3E17E6@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Special event station W1FB/3 on the air during Atlanticon
> Friday and Saturday evenings! It'll be W1RFI on the original
> Tuna Tin 2 on 7.040 MHz at 8pm, 9pm, 10pm and 11pm. Special
> event QSL cards prepared.

Hi, George,

Hang in there; you are doing a GREAT job!

At this point, I am packing up the W1FB station. I will bring the Tuna Tin 2 for 40 meters, my OMNI D for a receiver and a 40 meter dipole and DK9SQ mast. We will have to wing it at the hotel, so I don't know how good or bad of an antenna we can put up. I will also have the Product Review K2 with me, as soon as Rich Arland shows up with it, that is.

The game plan is to figure out where we can put the station to maximize its use without interfering with the main events of Atlanticon. If possible, we will be on the air Saturday daytime, too, *possibly* with a 2nd station on 20 meters. Hate to be so vague, but we are really playing it by ear and may be at the mercy of the hotel and the possible accommodations. Worse comes to worse, I am going to take my DK9SQ onto my pickup truck (assuming it makes it as far as Atlanticon) and operate solo on 40 meters from the parking lot. Best comes to best, we will have multi ops and the West Coast hams will have a shot at W1FB/3.

I will only be the op at those times when no one else can; I have had a lot of fun with the Tuna Tin 2 and with W1FB, so I will stand aside and let others take over.

There is a 50-50 chance I will be active on Sunday, again as W1FB/3, quite probably just over the border in Delaware. If I do, I will have to head back to CT starting about 1900 UTC, so look for me early. That one is iffy, but possible.

I look forward to seeing everyone at Atlanticon and doing what we can to get W1FB up and running.

73, Ed Hare, W1RFI

-----Original Message-----

From: George Heron N2APB [mailto:n2apb@erols.com]
Sent: Tuesday, March 21, 2000 11:53 PM
To: Low Power Amateur Radio Discussion
Subject: Summary of Atlanticon "extras"

The Atlanticon QRP weekend is getting sooooo close - I'm starting to hyperventilate!

I won't waste space re-iterating everything happening, but there is some new news and the conditions are right. Here's a snapshot ...

- We're up to 122 QRPers pre-registered to attend Atlanticon and a fair number of guys have stated their intention to register at the door. The QRP camaraderie should be overflowing!

- the Proceedings (collection of authors papers) look **great** at 104 pages! I think one of the best so far. Attendees will just love it. Extras being sold after the conference.

- Special event station W1FB/3 on the air during Atlanticon Friday and Saturday evenings! It'll be W1RFI on the original Tuna Tin 2 on 7.040 MHz at 8pm, 9pm, 10pm and 11pm. Special event QSL cards prepared.

- Some **super** prizes have been coming in -- Red Hot's RH40 -- Small Wonder Labs' DSW-40 + enclosure -- Elecraft's K2 -- NorCal's SMK-1 (three of them, with enclosures from the NJQRP!) -- MFJ's new Cub transceiver -- SuperAntenna's WM-1 mobile HF antenna -- a Poquet Plus PC from AA2VK -- a KE6RIE custom machined Straight Key -- Morse Express' PK3 Memory Keyer Kit -- EMTECH's coax grabbers -- FAR Circuits' pcb projects -- Kanga US' MW Radio/AF Amp/Diode Chkr kits -- 3 keys from American QRP Key Mfg Co -- Embedded Research's Super TiCK Keyer Kit --

- Dave Ingram, K4TWS of CQ Magazine fame is super excited about attending and covering all the happenings in his regular QRP column.

- An NJQRP-sponsored plaque will be awarded: "Most Significant Contribution to QRP" (the recipient doesn't have to be attending the weekend)

- A fourth Technical Workshop is in the planning stage

In summary ... great speakers, great friends, great QRP fun happening from start-to-end this coming weekend in Philly at the Atlanticon 2000 QRP Forum.
<http://www.njqrp.org/atlanticon/>

73, George N2APB
n2apb@amsat.org

Date: Thu, 23 Mar 2000 14:06:25 -0800 (PST)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [66388] WTB: Plastic Variable Cap's...
Message-ID: <20000323220625.9665.qmail@web1205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey gang,

Does anyone know of a source for those plastic variable capacitors like those once used for main tuning in inexpensive transistor radios of days gone by? I spent all afternoon surfing the web for a source and came up empty. I want to build an extremely trail-friendly QRP transmatch for backcountry operation and am in need of a pair of these. I have exhausted my supply from the "junk box".

Thanks for your help es 72/73!
Dale

=====

=====

Dale Anderson	In the Mt Washington Valley
KB0VCC	Conway, New Hampshire
QRP-L #91 / CQC #251	Grid Sq: FN43KX
ARS #234 / FISTS #3172	http://www.qsl.net/kb0vcc

=====

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Thu, 23 Mar 2000 16:30:02 -0600
From: "George T. Baker" <w5yr@att.net>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66389] Re: Fox
Message-ID: <38DA9AEA.1C480B21@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the uniform vote of confidence, Ed. I cannot speak for all the Hunters, but I feel that most of us are not in there trying to step on any toes or gain any unfair advantage. Although I do wonder about those who keep calling within less than 100 Hz of the Fox's frequency . . .

I also wanted to echo your comment about the Fox not being heard. I have lost count, but I think that this is the third year that I have participated. I can count maybe 5 times that I could **always** copy the Fox unless he was being deliberately QRMed. All the other times, it boils down to a guessing game as to when it is "safe" to call.

I think that things tend to fall apart when the Fox fails to provide enough redundancy in his procedure to ensure that his protocol is being followed. For example, in the last Hunt the ONLY way that the crowd knew that the previous contact was complete was to be able to hear TU sent one time at the end. Miss that one TU and you lost the timing.

Most of us then revert to the law of the jungle: when you hear the pack calling all around you, you call as well, whether or not it is appropriate, figuring that probably someone heard the magic TU and that it is now time to call.

I have never been a Fox and am too inadequate an operator now to take on that job, even if I were asked, but I wonder if maybe the Foxii shouldn't try just a little harder to use and enforce a protocol that would make things work better. It is some extra sending, etc., but more attention to repeating the Hound's call, using prosigns, etc. would add the redundancy that makes things work even under marginal conditions.

Sadly I could never hear your W1FB Fox operation down here in North Texas, but your announced protocol of sending the Hound call twice at the beginning and twice again at the end, followed by a prosign or two did make a tremendous difference I am sure for those who stood a chance of working you.

If we were running QRO, then things could be abbreviated quite a bit and we could still make a go of it. But with marginal signals in most cases, compromised by the occasional QRO QSO nearby and the ever-present SSB

signals in the background, well, I just think that the Foxii are going to have to make extra efforts to keep things orderly and synched up. And that boils down to the Hounds being able to know what the Fox is doing almost all the time. The quick TU or K just doesn't do the job when many or most of the Hounds can barely hear the Fox at all.

Enough grouching! They do what I can no longer do and most do it very well. I guess that I am pleading the case for protocol rather than operator talent.

Thanks again for your QRP efforts, Ed. May it ever be so!

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

"Hare, Ed, W1RFI" wrote:

>

> As a one-time FOX, I suspect that the problem is that a number of folks
> aren't really hearing the fox well at all, but calling when they think he > is
probably calling QRZ.

Date: Thu, 23 Mar 2000 14:42:07 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [66390] A K2 a day....
Message-ID: <38DA9DBF.C9D0661D@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Har, just when I thought there'd be no K2 rig in the house, the next project arrives today. S/N#339 with N/B and SSB. I'll get the N/B upgrade and check out some tweaks for this serialnumber series.

Yabba, Dabba Doo!

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068

<http://www.qsl.net/we6w> Santa Rosa, CA

Brain, only as strong as its weakest think.

Date: Thu, 23 Mar 2000 14:43:20 -0800
From: John Paul Dooley <w6zip@gte.net>
To: QRP-L@Lehigh.EDU
Subject: [66391] What's the procedure? And all the other stuff-
Message-ID: <38DA9E07.14A062A5@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wait up guys! I've been wanting to work some contests and maybe a rare DX sta. -Everything is moving very fast! A few questions to those seasoned veterans who would be willing to give some welcome pointers: Is there a set rule as to whether a DX station will be listening a few Khz up or down from where he is calling? In what respect would this benefit me calling for a DX station?

Also, if a contester, or anyone for that matter is calling CQ and he is just too darn fast with the fist and you don't get the complete call, (Or much of anything) is it OK to just jump in there and send QRS and your call? (or just QRS?) Let me know how you handled your first itchy scratchy try at a successful exchange, when you were the rookie and really wanted to interact appropriately and gentlemanly, yet everything seemed to be moving just a wee bit too fast for the format. Thank you for your reply(s)

-73 from the high desert of Southern Ca.!

John Paul Dooley W6ZIP
Victorville, Ca.

Date: Thu, 23 Mar 2000 18:23:05 -0500
From: Brian Miller <millerbk@lancnews.infi.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66392] RHR40 On the Air!
Message-ID: <38DAA758.5D53096F@lancnews.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,
Just finished my RedHotradio 40 last night and it woiks! Strung an un-trimmed 40 m dipole up the stairs, across the 2nd floor, over the

doorknob, up the wall, and across the curtain rod, down the wall, across the bed...., hooked it to the rig, and called CQ with all the enthusiam of a new licensee.

After a few unanswered calls, I got a response from K1EHW. Unfortunately, I lost him in the mud (probably, he lost me first!). Next, KW3U answered my CQ. We had a nice exchange; my first CW contact in almost 20 years!. Surprise, KW3U was also QRP. This QRP stuff is really GREAT!

Really like the RHR40. RX seems pretty hot, with decent selectivity. Only problems I encountered building the kit were of my own doing. Seems my eyes arn't as good as they used to be - those pF caps are kinda hard to read! I added most of the mods that Dave Fifield has listed on his Web site. Hardest part was winding and tining those torroids. Evey time I wound one, I got interrupted (read - XYL) in my counting. Darn. Please keep a lookout for my peanut whistle signal.

72/73

Cheers,

Brian in Lancaster, PA k3zen

QRP ARCI# 10187

EPA QRP #38

Date: Thu, 23 Mar 2000 18:42:28
-0000=?us-ascii?Q?_(/etc/localtime`+=13=08=A4=F3=FF=BF=CF=AC
=08?=
From: Rich Mulvey <mulveyr@iname.com>
To: qrp-l@lehigh.edu
Subject: [66393] FS: MFJ-971 tuner
Message-ID: <XFMail.20000323184228.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

For sale:

MFJ-971 tuner - good condition with some scuffs on the exterior. Perfect electrically.

This is the tuner that matches the portable MFJ QRP rigs. The power range can be adjusted between 6,30, and 300 watts.

The tuner includes the connector plates to attach it to the MFJ rigs, if you

have one.

\$50.00 + shipping.

Why am I selling? I now have a K2. :-)

- Rich, AA2YS

Date: Thu, 23 Mar 2000 19:16:04 -0500 (EST)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [66394] Thanks
Message-ID: <Pine.BSI.4.05L.10003231913450.24043-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to everyone who pointed me towards the builders page for the K2 ...
and thanks to the folks who offered to bail me out.

Let me count pennies, work up a sked and contact the folks who volunteered, since the time schedule here might not mesh with theirs.

73
thom

[illegible]

Thom LaCosta Webmaster

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Date: Thu, 23 Mar 2000 19:17:18 EST
From: GUARDM@aol.com

To: secondclassopsclub@egroups.com, qrp-1@lehigh.edu, chase103@home.com,
lattis@sal.wisc.edu, rproft@discover-net.net, dem@sal.wisc.edu, mock@teleport.com,
rotter@ieee.org
Subject: [66395] Devils Lake State Park
Message-ID: <da.2486473.260c0e0e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi guys,

I'll be operating from Devils Lake State Park Wisconsin Tomorrow Sometime around 10am CST. That is if it doesn't rain. I know all you true hikers out there are thinking that any true hiker would go rain or shine but I haven't hiked this park yet and would like to do it on a nice day. I'll be taking along my Norcal40A and running 2 watts into an inverted "V" dipole. Check the weather radar to see if it's raining (forecasted) the rain out date will be on Monday same time.

Check out Devils lake Park at.....<http://www.devilslakewisconsin.com/>

73/74,

Mev KG9NF

Madison Wisconsin

QRP-L #2066 10X #7014 ARS #641 SOC#127

<http://www.qsl.net/kg9nf> ICQ# 49602335

"Never drive faster than the Angels can fly!" -Bumper Sticker-

Date: Thu, 23 Mar 2000 19:24:11 EST

From: GUARDM@aol.com

To: secondclassopsclub@egroups.com, qrp-1@lehigh.edu, chase103@home.com,
mock@teleport.com, rotter@ieee.org, dem@sal.wisc.edu

Subject: [66396] Devils Lake State Park

Message-ID: <a4.20987f5.260c0fab@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I forgot to tell you all that I'll be operating oin the novice portion of 40 meters...mostly around 7.110.

73/74,

Mev KG9NF

Madison Wisconsin

QRP-L #2066 10X #7014 ARS #641 SOC#127

<http://www.qsl.net/kg9nf> ICQ# 49602335

"Never drive faster than the Angels can fly!" -Bumper Sticker-

Date: Thu, 23 Mar 2000 18:54:47 -0600
From: Darrel Swenson <darrel_kb0awb@tconl.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66397] Re: ArkieCon from NE, IA, MO
Message-ID: <38DABCD4.D96D534D@tconl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay Bromley wrote:

> Darrel, please put a post out on QRP-L and ask if there are some of those
> Iowa, Ne, QRPers that want to come down with you. You might be surprised!

I keep reading the posts about ArkieCon... Doug and Jay make it sound like a great time... Is there anyone in eastern Nebraska, western Iowa, or northwest Missouri who would like to carpool...? (or get together somewhere along I-29 and carpool from there...?) I plan on driving from Omaha, to Fort Smith, on Friday (4/7), getting there about 4:00 pm and returning on Sunday afternoon... AAA says it will take 8 or 9 hours... (Heck it's further than that to Scottsbluff, NE from Omaha...!!)

Anyone interested...? Darrel... KB0AWB

Date: Thu, 23 Mar 2000 20:19:26 -0500
From: Ham <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [66398] HW-9 crystals ??
Message-ID: <38DAC29D.E6947301@ica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anyone tell me some specs on the bandswitch heterodyne crystals for a Heath HW-9 ? (ie..35.83 MHz)
I have 2 dead crystals that I need to replace. The crystal manufacturer needs to know the capacitance, whether they are series resonant, holder type etc...
Anyone ?

Please reply by e-mail
Thanks de Hugh VA3TO

Date: Thu, 23 Mar 2000 18:24:49 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Cc: <ki6ds@hotmail.com>
Subject: [66399] SMK-1 Query
Message-ID: <000901bf952f\$e22a7ca0\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Doug,

Will the PC boards have a solder flood coat over the copper? Or is this done by the builder? In talking with a friend at work who does lots of SMD work he suggest coating at least the pads w/solder before starting to work on it? What's the norm? He also said I might be able to borrow or use his \$600 solder stn! <g> (Wow! didn't know these things were so pricy!) Anyway, it'll be another fun adventure in building a QRP rig! Man, 2.5"x 2.5" that's gonna be a tiny rig!!

Steve/n0tu

Date: Thu, 23 Mar 2000 17:36:00 -0800
From: Lee Hopper <leehop@uswest.net>
To: qrp-l@Lehigh.EDU
Subject: [66400] Re: What is NVIS?
Message-ID: <38DAC680.23C3BBEB@pop.ptld.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike

You can try the following url for nviz info:

<http://www.qsl.net/vcars/CARL/NVIS.html>

73's

Lee Hopper, KD7CTF

Portland, OR

Date: Thu, 23 Mar 2000 20:41:59 -0500
From: david fouchey <dafouchey@home.com>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66401] Re: First storebought antenna
Message-ID: <38DAC7E7.29CAE4C9@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First Store Bought Antenna was a used Hygain 14AVQ. First NEW Store Bought was a Cushcraft ATB-34 tri-bander. All in all I have used mostly home brewed wire antennas, and one REALLY weird 40 meter vertical from Bamboo poles lashed together....but that's another story.

Dave
WA4EMR/8

"George T. Baker" wrote:

>
> Guess I got off to a different start by getting into ham radio before
> there was a Gotham. ;^)
>
> First store-bought antenna was a 4-element 10-meter beam made by the UHF
> Resonator Co. run by W2BAV. It was a wonderful little antenna on about a
> 20 foot boom and was fed with 300-ohm twinlead to a delta match. Worked
> all over the world with it in the late 40's.
>
> 72/73, George
> Fairview, TX 30 mi NE Dallas in Collin county
> Amateur Radio W5YR, in the 54th year and it just keeps getting better!
> R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Date: Fri, 24 Mar 2000 01:54:43 -0000
From: "Andy GM0NWI" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [66402] PLEASE..MORE RADIO TALES
Message-ID: <002001bf9533\$ed812dc0\$2c1aac3e@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yo...

Hope all is well there "over the pond"

You know, it's GREAT..for all us guy's who have half-built kits to there namesand those of us currently strugglin' to get a "labour of love" back on air, so I can work all you guy's instead of just lookin' for replacement componants....

DON'T.....get sick of me guy's...

What a great honour and inspiration, you all are givin' me to "feel" that I know already personally, you one an' all, these "tales" are truly AWESOME...

Keep it up for this here individual at least...

Nearin' the K2's arrival time fast..... do you think I should do it guy's.....is it REALLY WORTH IT... maybe I'll be able to add my story to the "hall of fame" when I get that and the HW8 done..!

By then you'll all have massive facial hair, that might just be mistaken for twin ladder line..!!

Thanks for the bandwidth....replies welcome.

Date: Thu, 23 Mar 2000 18:26:18 PST
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: n0tu@webaccess.net, QRP-L@lehigh.edu
Cc: ki6ds@hotmail.com
Subject: [66403] Re: SMK-1 Query
Message-ID: <20000324022619.63569.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Steve, the boards will be double sided, plated through, soldermasked, silk screened and have a solder flood coat over the copper. They will be done by the same house that does all of the NorCal boards, and will be first class all the way. Thanks for the question, and the interest. I can't wait to get my hands on a board. By the way, there will be something unique about the appearance of the board, but I can't let that out of the bag just yet. It is a neat little touch. 72, Doug

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Date: Thu, 23 Mar 2000 21:29:40 EST
From: Makos327@aol.com
To: qrp-l@lehigh.edu
Subject: [66404] My first kit....most memorable
Message-ID: <75.2782519.260c2d14@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I entered Ham Radio a lot later than a lot of you on this list. I was not fortunate enough to have had been interested early enough to have had any Knight kits.

I was licensed in 1978; and my first novice station was a Drake 2-NT transmitter with a Globe VFO that I hooked up through the crystal socket. My first receiver was my very first kit. It was a Heath HR-1680 receiver kit that I built with my own two left hands! I learned a ton from that kit! How to solder, how to read resistor color codes, etc. etc. etc. The best thing of all was that when I was done, it actually worked! And it worked quite darned well, too!

I later went on to build a lot of various Heath gear, amateur and non-amateur. I actually was a participant in their Master Builder "club". I also have built a lot of OHR kits, too; but that HR-1680 will always be the "best"!

Larry W2LJ
FISTS #1469 QRP ARCI #4488 QRP-L #778 NJQRP #47

Date: Thu, 23 Mar 2000 20:45:13 -0500
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [66405] NVIS Answered
Message-ID: <017901bf9532\$ba2d5620\$3a320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who answered my latest "What is" question.

That's one neat thing about amateur radio and this list, you always learn something from the radio, and this list will teach you about the radio and antenna itself.

Mike Duke, K5XU, president,
Mississippi Council of the Blind

Date: Thu, 23 Mar 2000 22:10:30 -0500
From: w2xn@juno.com
To: w1rfi@arrl.org
Cc: qrp-1@Lehigh.EDU
Subject: [66406] Re: Fox
Message-ID: <20000323.221201.-848023.1.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ed,

As a "hound", I can tell you that the band condx gods don't always cooperate with the hounds. There have been a lot of times that I have called the fox when I heard him clearly and when he responded the foreign SSB or digital noise would come up about the same time so that I didn't hear the fox return.

I agree with you about the hounds being courteous. They shout when they hear the fox, and try to follow the instructions the fox gives before the hunt.

fred w2xn
lakeland, fl

On Thu, 23 Mar 2000 16:29:52 -0500 "Hare, Ed, W1RFI" <w1rfi@arrl.org> writes:

> As a one-time FOX, I suspect that the problem is that a number of
> folks
> aren't really hearing the fox well at all, but calling when they
> think he is
> probably calling QRZ. I noted that I came back to a number of
> stations,
> sending their call twice, the exchange, and then their call again,

> without
> having them come back to me. Clearly, they weren't hearing me well
> at all.
> To the credit of the hunters, when they weren't sure it was for
> them, they
> stayed silent -- a much better behaved pileup than a "regular" DX
> pileup.
> Chalk it up to the difficulty of the hunt; our QRPers mean well to a
> soul.
>
> 73 from ARRL HQ,
> Ed Hare, W1RFI
> ARRL Laboratory Supervisor
> 225 Main St.
> Newington, CT 06111
> 860-594-0318
> Internet: w1rfi@arrl.org
> ARRL Web: <http://www.arrl.org/>.
> ARRL Technical Information Service: <http://www.arrl.org/tis>.
>
>
>
> -----Original Message-----
> From: Wayne Alexander [mailto:walexan@ipa.net]
> Sent: Tuesday, March 21, 2000 9:56 PM
> To: Low Power Amateur Radio Discussion
> Subject: Fox
>
>
> POOR FOX!!!!!!
> I sure wish people would listen before they send there call.
> The FOX would ask for a repeat and all _____ would break out.
> The POOR FOX could not get his ? answered.
> You are doing a fine job under the circumstance.
>
> 73,
> Wayne
> N0EA
>
> 73,
> N0EA
> Wayne
> Willard,MO
> FISTS # 4907
> QRP-L # 1058
> SOC # 144

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 24 Mar 2000 03:19:13 -0500
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>, Eastern PA QRP Club <epaqrp-l@lehigh.edu>
Subject: [66407] C U At Atlanticon!
Message-ID: <38DB2501.1FE1D6B1@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I hope to meet many of you at the Atlanticon QRP festivities starting tomorrow (Friday). I'm planning an entire QRP Power column devoted to Atlanticon, so I'll have the camera....be prepared to "smile!"

73 Rich K7SZ

Date: Thu, 23 Mar 2000 22:24:40 -0500 (EST)
From: QRP <qrp@email.com>
To: qrp-l@Lehigh.EDU
Subject: [66408] Full Callsign Exchanges
Message-ID: <384673826.953868280165.JavaMail.root@web08.pub01>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In addition to no longer being allowed to use partial calls, we should also consider using full callsign exchanges.

Although not required by law, it only makes sense to give the callsign of the station you're calling, followed by "DE," and then your own callsign.

When you just send your own callsign, and nothing else, nobody is sure who you are actually calling or what you're actually trying to do. Give it a try, it won't hurt!

WB0JNR
Paleo Extra
<http://www.rogerwendell.com>

FREE! The World's Best Email Address @email.com
Reserve your name now at <http://www.email.com>

I lost the message, but someone had posted a .procmailrc receipe for moving the messages from this list into a folder. I'm doing it here...but can't figure out how to do it with the message from the elecraft list.

[illegible]

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Date: Fri, 24 Mar 2000 03:15:59 -0000
From: "Andy GM0NWI" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [66410] We should
Message-ID: <000d01bf953f\$47cc1aa0\$80488cd4@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey...

Just a thought for some fun...

We should try and get the folks on this list and the ONElist, to submit there little anacrianism's...

Think that's what there called... you know the little "words of wisdom" that we all have at the end of our e-mails..... then publish them as part of a web sight....

Or is it that I'm just goin' crazy from not being able to build my K2 yet...!!

72s de Andy gm0nwi@tesco.net
GM0NWI
"Long Live QRP.!"
GQRP No.9576
ICQ No.31899603

Date: Thu, 23 Mar 2000 18:35:30 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: ai2q@ispchannel.com, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [66411] Re: HOMEBREW: SWL SW40+ schematic URL update - QRP Homebrewer article
Message-ID: <38DAE282.7F986358@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Let me check. I did NOT notice the listed URL had the .jpg file. It is the .pdf that is a good file from my perspective and it prints out very well on 8.5 x 11 paper. I have the file here and can attach it if we need to but let me check it out Chuck's site.....

Ok, it is there. Just use:

<http://www.qsl.net/k7qo/schematic.pdf> for direct access.

The general page is <http://www.qsl.net/k7qo/elmer02.html> and the PDF file can be accessed from there also.

Good luck.

73, Jim

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
ICQ 11022915 AK-QRP#3 SOC#3

AI2Q Alex wrote:

> How can I capture this schematic for printing? If I try printing from
> Internet Explorer, it gets cut off (too large). If I select it and try to
> paste it into a Word file, the same thing happens. Any suggestions?

Date: Thu, 23 Mar 2000 21:42:31 -0500
From: Stuart Rohre <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [66412] HEATH RECEIVER, ant. replacement
Message-ID: <MailDrop1.2d7j.1000323214231@rohre.arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Someone was looking for a portable Heath Receiver whip antenna replacement.

I think these were the standard Japanese style metric threaded bottom, tubing antennas such as the replacements Radio Shack sells. Might now be smaller in diameter, but likely can find one to match the screw threads. The other places that carry these are local distributors of Radio and TV repair parts in large cities. They have them as replacements for rabbit ears on TV sets.

Finally, if no TV parts houses, you can find a Hobby store that caters to the model railroad and airplane crowd. There you will find hobby supplies of brass tubing in sizes that will telescope, and maybe also in Aluminum. From these rods of about a foot each you could reconstruct the antenna you need. Use a round head screw for the tip, and solder it in the tube. At the base, you could solder on a nut, and modify the screw mounting to another thread if you cannot match the original thread type, pitch, and metric sizing.

The mounting varied with the radio, but typically, there was a captive nut in the largest tubing bottom end. This nut would accept a screw thru a solder lug that had the antenna wire lead that went to the main circuit board. IF the original antenna is simply broken, but the bottom end is intact, salvage out the captive nut and place into the Hobby shop tubing.

Hope that helps, many rods out there, and a few fit 99% of the radios with whip antennas.

Good Luck,

Stuart K5KVH

Date: Thu, 23 Mar 2000 22:51:55 EST
From: Macstein@aol.com
To: w6zip@gte.net, qrp-1@lehigh.edu
Subject: [66413] Re: What's the procedure? And all the other stuff-
Message-ID: <10.196dc09.260c405b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have three suggestions for improving DX contacts.

- 1) Scan the QRP-L archives for posts by Ron Starke KU7Y, (just search for "skunk and fox") and apply his tips for Fox hunting to the DX station.
- 2) Find an old copy (or NEW one!) of "The Complete DX'er" by Bob Locher, W9KNI. This book is a real treasure, written in narrative form as opposed to technical.
- 3) A more technical reference is "Low-Band DXing" by John Devoldere, ON4UN

These three things have transformed my log ... the K2 helped too. (grin).

GL es 72

-MAC-
AF4PS
Odessa, FL
QRP-L #704, Whiners #5, SOC #28, NorCal #1998, FISTS #5096, ARCI #9843, HI
QRP #83, Zombie #510 and Underwear size 34.

Date: Thu, 23 Mar 2000 23:27:54 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [66414] HB: SMT Rig #2
Message-ID: <200003240407.XAA11745@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang,

Yeap, built another rig using mostly SMT parts. The first one works great, but its still a little too big for backpacking. This new one fits into a Whitmans sampler tin. (Similer in size to an Altoids, but has a tad more volume -- comes with four over priced chocoletes inside)

Anyway, finally got the last bugs out of the software to run push button tuning on the DDS and it was time to try it out. Low and behold, I hear W3KC calling CQ. I know that call, it's Chas! Sure enough, he comes back to my 1R5 watts and has the honor of SMT Rig #2's first QSO. He's running a Serria, so it can't get much better:-)

For those of you who like to hear the details, this rig uses the MC13136 dual conversion FM chip for the Rx. Didn't have a SMT version handy though :-(It works okay, but to be frank, the level of background noise it produces on 40M is significant. I have a feeling this chip is better suited for a less noisy band like 30M and above. But it doesn't take up much real estate, so we can live with it's failings :-) Plus, the AGC action of the limiting IF amp for "free", almost makes up for the high noise level. Completing the RX is an active 1 Khz LPF and a LM-386. A small slide pot is used for volume. The other half of the dual op amp is used as a side tone oscillator.

The Tx is very simple, just a SMT3904 driving a Zetex FZT491CT, which comes in a SOT-233 package. The ft is a little low, 150 MHz, but it does well on 40, putting out 1.6 watts or so.

The VFO is, of course, an AD9835 DDS. Why waste time and effort on anything less? Especially when building a minature rig into a flimsy tin :-) There wasn't enough room on the board to mount the cpu, which I also have only in DIP, so that went onto a daughter board, which plugs into the main board. The daughter board holds the cpu, tuning PB's, RIT switch and some led's. It conveniently sits just below the top lip of the tin. You open the lid to access the controls. This is nice, since it closes up and the tin can silp into a shirt pocket with out any snags. Too bad I don't have a digital camera or a place to post pictures. It really is cute :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 23 Mar 2000 23:58:41 EST
From: Rod Johnson <ka7you@juno.com>
To: QRP-L@LeHigh.EDU

Cc: KA7YOU@aol.com

Subject: [66415] My First station

Message-ID: <20000323.211638.2359.2.ka7you@juno.com>

Dave Benham mentioned being 15, his first store bought antenna and his National NC-98/DX-40 station.

I still have my NC-98 from about 1962, and a DX-35 which I built as a kit also; but it was not my first station.

At 16, I started with a BC-348 military receiver and a HB transmitter built partially from an old TV set, per plans from CQ magazine article.

I think I still have that issue.

It used a 807 or 1625 tube for a final input of about 75 watts-the legal limit for a novice at that time.

I didn't know about SWR or resonant antennas, but we had a gentlemans farm, with unused 180 foot run of power wires which used to supply lights a large chicken house in the woods. They were a good twenty five feet up in the middle, and quite a bit higher at both ends which were in trees.

I hooked up my rig to one of those wires, and never did quite understand why sometimes the plate meter would just go crazy as I tuned up the rig on some bands. Oh yeah, I'd put a ground clamp on the cold water pipe in the basement, right next to my operating position.

Later I bought a used NC-98 from a friend of my mothers, and built the DX-35. I still didn't have much luck on that antenna except 80 and 40 meters.

I tried a vertical. It was a 20 foot piece of 2" stainless steel pipe set on an old coffee jar for a base insulator, and leaned into the big cedar tree in the back yard. Nothing in anything I saw said anything about a radial system, but I could not afford a Handbook and I don't think I ever saw one. It was also somewhat spooky to tune, but it seemed to work on 15 meters.

My one year trial as a novice had expired, and I was finally allowed to be interested in cars, so I wasn't too concerned. I'd get my technician ticket soon. So I built a VERY crude 420MHz - or thereabouts-

TV transmitter (picture only), again from plans in CQ. It used a 6J6 tube for the entire rf section, (modulated by a 931A 'Flying Spot scanner tube) if I'm not mistaken! I even tested it on the air with an expired license, but at 100 feet max range, I was not too concerned. I still have that entire rig and the magazine article too. Before I got the technician license I joined the navy, went on submarine duty, became a navy Electronics Technician, got out of the navy, got married and had kids before I stepped in the Amateur radio door again, although I dabbled in legal CB a bit.

It was 1984, and I was in the woods working as an official for a high speed auto rally. One of the other workers had a handheld radio, and was talking through a repeater almost 15 miles away, to another ham in Seattle-over 75 miles away. I was hooked again. One month later, with his help, I had a new novice call again, and have not looked back.

I wish to thank all the Elmers everywhere, for their efforts to help anybody with whatever they need to get on the air. It really makes a big difference, especially to so many hams, young and old, who have limited resources.

In this respect, the internet is a great asset to the ham community.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 SOC#184 and others

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 23 Mar 2000 23:31:38 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: kb0vcc@yahoo.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66416] Re: Plastic Variable Cap's...
Message-ID: <002501bf9552\$3b4b22e0\$5f28bcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Dale,

This type of capacitor is also known as a POLYVARICON (polyethylene variable capacitor) as coined by the MITSUMI Electric Works in 1955.

Mouser Electronics carries one with the part number of 24TR222. Download the "pdf" file from the following page and you can view the specs:

<http://www.mouser.com/products/detail.cfm?MPart=24TR222&CustRef=.&source=search&CFID=970270&CFTOKEN=67880075>

The main Mouser page is at:

<http://www.mouser.com>

Good luck.

Message-ID: <200003240122_MC2-9E6C-CC9E@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;
charset=ISO-8859-1

Content-Disposition: inline

Finished my 20-meter Cub a few days ago (QRP-ARCI deal)
& am quite happy with it. If you are building, and as you
build, go slowly with the parts that seem to resist
insertion. Don't lose your gumption for no reason.
The parts will fit, albeit snugly sometimes.
In my view, the circuit board is first class.

Caution: be careful of the screws that secure the
top cover. They are a bit lengthy and you may want
to snip off a tad to keep them from invading the
circuit board.

Stupid HB trick No. 1--Trying to set the BFO and
VFO freqs before the rig has warmed up and stabilized.

I did that trick. Finally dawned on me. This rig drifts
a bit on power up. Give it a chance settle down before
you try to set the freqs.

WARNING--Tech Talk to follow: (Just kidding Ed--WE6W--
I love your posts.)

While many of you are seeking 25, 35, or 50 WPM in the code,
I am training my brain to recognize and remember a 600-Hz tone.
I am having some success. I use W-W-V for this exercise.

My Cub draws about 40 mils on receive and 380 on xmit
(13.8 VDC). I set it to a 1.5-watt output into a 50-ohm dummy.
The three-crystal filter does a pretty decent job of =

suppressing the other sideband--(once I set the
BFO freq properly). No fancy test equipment here (but,boy,
do I lust after it). I force my Omni V and FT-447GX into
the test role. (I let them warm up, too.)
I plan to use the Cub in a travel or portable package
lash-up.

Russ WA0UIG Marion, Iowa

Date: Fri, 24 Mar 2000 03:30:33 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "Greenkeys / RTTY Reflector" <greenkeys@qth.net>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [66419] Psssk! Another Small Wonder...
Message-ID: <NBBBJDEEIFDDANGEGHLBGEOPJFAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those of you interested in Digital Modes, Dave Benson has a neat looking new PSK-31 transceiver on his website:
http://smallwonderlabs.com/swl_psk31.html . A derivative of the April 97 QST SSB xcvr design, the xcvr is crystal controlled, and covers the 14.0695-14.073 segment of 20M where most of the PSK31 activity is found (partially quoting from Dave's 'page). It is 3W out, and connects to your PC's soundcard. It only has 4 toroids to wind, and requires the usual Benson-design minimal adjustments. Price for the kit less cabinet looks like ~\$100, with \$30 more for a cabinet. Looks very interesting!!!

The usual disclaimers apply... Dave doesn't even know I'm writing this. The intended production date is April 2000.

Ed Tanton N4XY <n4xy@arrl.net>

Website: www.qsl.net/n4xy

"Do what's right. You'll please some people, and amaze everyone else."

Mark Twain

Date: Fri, 24 Mar 2000 06:11:26 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <n4xy@att.net>, <qrp-l@lehigh.edu>
Subject: [66420] Re: Kits: Another Small Wonder...
Message-ID: <001301bf959c\$a8fc3140\$cf91173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang-

>For those of you interested in Digital Modes, Dave Benson has a neat looking
>new PSK-31 transceiver on his website:

If you're joining the 'doings' at Atlanticon this weekend, I'll have the transceiver set up at the Saturday evening hospitality suite. Antenna situation permitting, we'll be on the air for some live QSOs. I'll also have an audio tape along in case we can't connect to a good RF spigot. :-)

Can't wait- looking forward to seeing many of you this weekend!

73, Dave Benson- NN1G

Date: Fri, 24 Mar 2000 07:52:34 -0500
From: joe lerch <joelerch@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66421] Comparative reviews of Amateur Equipment
Message-ID: <00032407565306.00251@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Are there any web sites devoted to comparative reviews and subsequent ratings of various amateur radio equipment? I know the Arrl site has reviews for past QST issues but I haven't found anything in the line of a "consumer reports" on ham radio gear.

Is there such a thing?

If so where?

thanks in advance,

joe (KC3GV)

Date: Fri, 24 Mar 2000 07:05:10 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-1@Lehigh.EDU
Subject: [66422] Fox
Message-ID: <4.2.0.58.20000324070326.009593b0@popd.ipa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Has any one seen the FOX Log yet?

Hope every one had fun in the Fox hunts this year.

'C U next year in the Fox Hunts.

73,

Wayne

N0EA

Date: Fri, 24 Mar 2000 08:25:32 -0500

From: aa5yx@juno.com

To: qrp-l@lehigh.edu

Cc: aa5yx@pocketmail.com

Subject: [66423] Appalachian Trail in NJ today (Friday) on 20m and 40m

Message-ID: <20000324.082533.11502.0.aa5yx@juno.com>

Good morning,

Yesterday's announced dayhike/QRP op has (de?)evolved into an overnighter. I'll also be bringing my SST40 along to try to work you lucky Atlanticon'ers. How many of you will have RF-saturated wires hanging out of your hotel room windows?!

I'll have a DSW for 20m, end-fed halfwave wire antennas for both bands and 10 C-cells to provide juice for the rigs. Look for me on 14.060 and 7040 khz, beginning around 2000 UTC (3pm Eastern). I'm anxious to work as many of the other AT states as possible in an attempt to get my Trail Award.

John Harper AA5YX/2

HW-9, OHR-100A/20, NC40A, SST30, SST40, DSW20

Outdoor QRP Page: <http://home.att.net/~j..harper>

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 24 Mar 2000 08:59:26 -0500

From: "AI2Q Alex" <ai2q@ispchannel.com>

To: <kf6ml@pacbell.net>

Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [66424] RE: manhattan style 20m ssb sw xcvr
Message-ID: <002c01bf9599\$2b4c0340\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for your note Sam. Do you have a fax? I have my hand-drawn schematics available. I usually draw my schematics with OrCAD, but there were many symbols not included in my old OrCAD library. I now have MultiSim from Electronics Workbench, but have to find the time to capture the schematic. Good ol' hand drawing is faster!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: Microsoft Windows [mailto:kf6ml@pacbell.net]
Sent: Thursday, March 23, 2000 10:39 PM
To: ai2q@ispchannel.com
Subject: manhattan style 20m ssb sw xcvr

Alex: I think that I have never met you previously but that's my recollection of an almost 70 year old brain. I like to build, but am far from being able to design circuits so my major attempts have been in enclosures. My 40m transmitter is in a stapler with enclosed battery and using the stapler action as a straight key. At PacifiCon, the TT2/MRX40 was housed in a VHS cassette with enclosed battery and antenna, which was a length of wire wound around a 5" piece of chopstick (I'm Japanese by nationality). So the only external item was the earphone. The keying was done by pressure on the tape "door" and it actually worked! I also like to make keys and paddles so my latest is a SamPup with appologies to the BullDog paddle. Mine uses plastic instead of wood and has only 6 parts.

Getting back to the meat of this e-mail, I was wondering if you could share your 25 xstr/15chip circuit with me with some comments that might help me. I will gladly pay for copying and postage.

Thanks for listening.

72's Samurai Sam the Scrounger KF6ML ...--...

Date: Fri, 24 Mar 2000 09:07:23 -0500
From: "Hartwell, Martin E (Marty)" <mhartwell@lucent.com>
To: qrp-l@lehigh.edu
Subject: [66425] Time change in the UK

Message-ID: <76B2C11F0337D3118A670008C7F9DBC7028D67FA@OH0012EXCH002U>
MIME-Version: 1.0
Content-Type: text/plain;
charset="ISO-8859-1"

Hello All

I just read today's digest of the GQRP mail list. I saw a post saying that on Sunday March 26th the times change. I am assuming to BST, the same as our EDT, or day light savings time. Now as everyone should know UTC doesn't change so we shouldn't have a problem if we refer to UTC. That is until the following week when we change and, then our reference is four hours difference to UTC instead of the winter five hours.

Marty Hartwell KD8BJ
Lucent Technologies 0
INU SMS New Product Introduction

Room 3R115E
6200 E Broad St. Columbus, OH 43213
Voice: 614-860-2091
Pager: 888-616-9732 (NEW PAGER NUMBER)
Fax: 614-868-4129
Email: mhartwell@lucent.com
Text page: Not available yet

Date: Fri, 24 Mar 2000 08:06:03 -0600
From: "Frank Krozel" <frank@electronicinstrument.com>
To: <walexan@ipa.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [66426] Re: Fox
Message-ID: <001501bf959a\$19589080\$85b5dccc@kg9h>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think he did a great job!
I couldn't believe all the signals. Perhaps Ed hit it on the head, not sure all of us out here actually heard him. From here (Central) many people seemed to be exactly on the same freq as the fax. This made it very hard for me to hear the fox.
Frank KG9H

----- Original Message -----

From: Wayne Alexander <walexan@ipa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, March 24, 2000 7:05 AM
Subject: Fox

> Has any one seen the FOX Log yet?
> Hope every one had fun in the Fox hunts this year.
> 'C U next year in the Fox Hunts.
>
> 73,
> Wayne
> NOEA
>

Date: Fri, 24 Mar 2000 09:40:54 EST
From: GUARDM@aol.com
To: qrp-l@lehigh.edu, secondclassopsclub@egroups.com, dem@sal.wisc.edu,
rotter@ieee.org, frank@electronicinstrument.com
Subject: [66427] Devils lake trip postponed until Monday.
Message-ID: <54.2469447.260cd876@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, the rain they predicted looks like it will be rolling in. Rats! I
have decided to make the trip on Monday instead, as it looks like the WX
should be better. So Look for me on Monday around 10am CST 7.110MHz +
or -.

73/74,
Mev KG9NF
Madison Wisconsin
QRP-L #2066 10X #7014 ARS #641 SOC#127
<http://www.qsl.net/kg9nf> ICQ# 49602335
"Never drive faster than the Angels can fly!" -Bumper Sticker-

Date: Fri, 24 Mar 2000 08:42:33 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [66428] No partial calls anymore

Message-ID: <200003241442.IAA14545@mail.lib.colum.edu>

I know Mr. Hollingsworth is a licensed ham, but I wonder how active he actually is. This issue, which he has raised several times, is all but unenforceable in the context in which he has placed it.

Obviously, the only way to "catch" someone who doesn't ID properly is to track them down through direction finding or similar means. The (dit dit) many put in after the other station sends SK is hardly enough to allow a DF operation to be mounted. Likewise, the longstanding practice (maybe not forever, but as long as I've been licensed, close to 20 years) of calling into a CW traffic net using a single letter or two is not likely to go away. If Hollingsworth wants these practices to change, he is going to have to propose a workable alternative and get the League and other groups to promote it.

He would do much better to go after the pirate AM transmissions on 10 meters. Those are repeated, of long duration, and should DF nicely. If he goes after all unidentified transmissions, he's got a lot of "tuner uppers" to catch on every band. I normally do ID if I've had to put a carrier on the air in order to adjust the transmatch or whatever, but many do not, as we all know. While I have never worked or attempted to work DX or a non-traffic net by sending a partial ID as a call-in, I have done it thousands of times on CW traffic nets because it was the expected practice. No doubt there were a few of those where the NCS didn't acknowledge me within 10 minutes, but I'm not going to feel guilty about it.

When a workable alternative is proposed and accepted, I will follow it...

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Fri, 24 Mar 2000 09:51:55 -0500
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [66429] CONTEST: QRP Calendar - This Weekend
Message-ID: <3.0.6.32.20000324095155.007c5d10@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

March 24-26, 2000  
~~~~~

ATLANTICON QRP Convention ...QRP Building Contest(AND MUCH MORE)

Mar 24 - Mar 25

Details: <http://www.njqrp.org/atlanticon/>
~~~~~

CQ World-Wide WPX Contest (SSB) ... QRP Category

Mar 25 - 0000z to Mar 26 - 2400z

Rules: <http://ourworld.compuserve.com/homepages/n8bjq/2000RULES.htm>  
~~~~~

RESCHEDULED:

Somerset Homebrew Contest (CW/SSB - 80/40 Meters) ...QRP Contest!

Mar 26 - 0900z to 1200z

Rules: see below
=====

Somerset Homebrew Contest:

The contest this year will be held between 0900z and 1200z on March 26th. 80m and 40m, around normal QRP frequencies.

1) The contest is open to all single operator QRP (max 5 watts cw, 10 ways ssb) stations using homebrew equipment. Either Tx or Rx (or both) must be homebrew, but it is not necessary to have built the equipment yourself.

2) Activity: around the normal QRP frequencies on 80m and 40m only. Any mode is permitted, and cross mode contacts are allowed. Any station may be claimed only once per band.

3) When: between 0900z and 1200z on Sunday March 26th.

4) Cal: "CQ HBC Contest" (ssb) or "CQ HBC Test" (cw).

5) Exchange: RST, SC number (you must start with any random serial number of your choice, not less than 100), Power. (eg 579/SC231/3W). Stations not in the contest can send any serial number (eg 579/001/2W).

6) Points: QRP/QRP 5
QRP/QRP 1

The final score is the total number of points (there are *no* multipliers), BUT deduct 25 points from your total if you did not build either the Tx or Rx yourself.

Entries to G3XJS by 30 April, with log sheets showing times, stations worked, reports sent/received and points claimed. Please supply details of equipment used, power and antenna(s), together with a declaration that your station was operated in accordance with the rules. In the event of a tie, the winner will be drawn from a hat.

First prize is a 50 UKP voucher to be exchanged towards any current Walford Electronics product.

--

72, peter barville "g3xjs@qsl.net"

72 de

Ken Newman - N2CQ
Woodbury, NJ
N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~

<http://www.njqrp.org/data/contesting.html>

~~~WQ2RP NJQRP Club Station~~~

Date: Fri, 24 Mar 2000 06:59:37 -0800
From: "Barry L. Geipel AD6HR" <bgeipel@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [66430] Re: No partial calls anymore
Message-ID: <00aa01bf95a1\$93749e70\$cbc9bbc0@cwil.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This rule only applies to stations that never id using thier full callsigns. Part 97 says that a station must ID every 10 minutes and at the end of a QSO.

So if I check into a CW net using "HR", the NCS responds with "HR", then I send

GE DE AD6HR QRU

I am totally legal.

For that matter, I do not need to send my call until 10 minutes into any QSO. Of course courtosy dictates that I should id sooner.

This is no new regulations, just enforcement of existing regulations.

73,

Barry L. Geipel - AD6HR - NTS Net Manager Southern California Net/CW

----- Original Message -----

From: "Walter Dufrain" <walter@inlink.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, March 23, 2000 9:46 AM

Subject: Re: No partial calls anymore

> This full call sign requirement is interesting, guess
> the CW nets and CW traffic nets are going to have
> to conform. Many of the NCS's prefer a single letter
> initial call in, and then you respond with your full call
> when acknowledged.

>

> I would sure welcome some helpful advice,

> 73 Walter Dufrain, AG5P

> Wright City, Missouri

>

>

Date: Fri, 24 Mar 2000 07:05:06 -0800 (PST)

From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>

To: qrp-l@Lehigh.EDU

Subject: [66431] Plastic Variable Cap's (THANKS!)

Message-ID: <20000324150506.8241.qmail@web1205.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

WOW, what a response. Thank you all who responded to my query for polyvaricons. It seems that Mouser and Emtech are the best sources. Will place an order today.

Thanks again es 72/73!
Dale

=====

```
=====
Dale Anderson           In the Mt Washington Valley
KB0VCC                  Conway, New Hampshire
QRP-L #91 / CQC #251    Grid Sq: FN43KX
ARS #234 / FISTS #3172  http://www.qsl.net/kb0vcc
=====
```

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Fri, 24 Mar 2000 08:19:48 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU
Subject: [66432] Old J-37 Gets New Life
Message-ID: <38DB8794.A45930B9@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What does kk7zz do when he gets a bit wound up (you may have noticed) and needs something to do to relax? Answer: Find an old basket case key and turn it into something beautiful and useful.

Found an old ugly J-37 dirty and missing hardware. The leg clamp was gone. The base was broken, and the bronze parts were almost black with corrosion. The knob was in unacceptable condition. Other hardware was rusted and pitted, but the bakelite frame was in perfect shape.

Everything was cleaned up, polished and coated. A navy type knob was fashioned from a ABS disk and a shiny black drawer knob from the hardware store. The final touch will be mounting the key on a beautiful streaked piece of clear finished popular.

Final result: Great appearance and feel--not really a restoration. I want to use this one rather than let it collect dust.

Ahhh! Isn't it great to be relaxed and contented?

Bruce kk7zz

Date: Fri, 24 Mar 2000 10:31:38 -0500 (EST)
From: John D Young <jdy@whitney.ufl.edu>
To: list qrp <qrp-l@lehigh.edu>
Subject: [66433] Finding transistor specifications
Message-ID: <Pine.LNX.3.91.1000324102655.19412A-100000@whitney.ufl.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you ever need specifications on transistors and IC's check out the NTE web site.

<http://www.nteinc.com>

This site replaces my crossreference guide (about the size of a phone book) and has more complete information.

John
WA8KNE

Date: Fri, 24 Mar 2000 15:54:11 GMT
From: k1vp@lawson-philpot.com
To: aa5yx@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [66434] Re: Appalachian Trail in NJ today (Friday) on 20m and 40m
Message-ID: <20000324.15541156@office4.office.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Nick, WA5BDU

-----Original Message-----

From: Victor Blackwell [SMTP:victor@brecnet.com]

NVIS = Near Vertical Incident Skywave

Come and join in. Great with qrp. It really works.
www.onelist.com/group/NVIS-Design

Date: Fri, 24 Mar 2000 08:35:17 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: kb0vcc@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66436] Re: Plastic Variable Cap's (THANKS!)
Message-ID: <38DB8B35.3D727415@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

One more source. Electronic Goldmine at
www.goldmine-elec.com has them for \$.99 ea. or 10 for \$6.00.
Part no. G8537. I use these on the ElmeRadio and they seem
to be just fine. They have the same capacitance value as the
Mouser part. The Emtech parts are more expensive, but they
also have a larger capacitance value and may be better
suited for an antenna tuner.

Bruce kk7zz

KB VCC wrote:

> WOW, what a response. Thank you all who responded to my
> query for polyvaricons. It seems that Mouser and Emtech
> are the best sources. Will place an order today.

>

> Thanks again es 72/73!

> Dale

>

> =====

> =====

> Dale Anderson In the Mt Washington Valley

> KB0VCC Conway, New Hampshire

> QRP-L #91 / CQC #251 Grid Sq: FN43KX

> ARS #234 / FISTS #3172 <http://www.qsl.net/kb0vcc>

> =====
>
>
> -----
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> <http://im.yahoo.com>

Date: Fri, 24 Mar 2000 10:37:18 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <w6zip@gte.net>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [66437] RE: What's the procedure? And all the other stuff-
Message-ID: <000101bf95a6\$d6e058c0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi John:

As a reasonably ardent DXer that works both CW and SSB, and as a QRPer that has cracked many a QRO pileup with 2 or 3 watts and a dipole, I think I can answer some of your questions.

First off, there are NO fixed rules about how or where a DX station will be listening for calls. That means you have to listen to his/her instructions, and/or tune and listen above and below the DX station's frequency to see what the pile-up is doing. That's where you glean the clues as to what the DX op is up to. This is especially important for a QRP caller.

Having said that, some DX stations start out calling and working stations on the same QRG, and then--when things get too messy--they ask for a split, such as "U3" (up three kHz), for example, or just "U" (up, then you figure out where).

Unfortunately, many station ops that don't know this still call on the DX station's frequency, raising the ire of most of those listening, and usually engendering a wave of "lid" and "idiot" and "QSY" or "up, up" unidentified transmissions--which generally add horribly to QRM on the DX station's frequency (where he is NOT listening, and therefore doesn't typically know he's being QRMed by undisciplined, unruly, discourteous, unconstrained foolish operators).

Also, many ops are impatient, and can't seem to wait for the DX station to identify. They create QRM (and bring out the Pileup Police--more QRM) by

asking for the DX station's call, QSL manager, etc.

Also, some ops might ask "QRL?" If you send a snappy "C" (for "yes," they reply with a drawn out QRM-creating "oh, thank you, CUL es 73 de ...") Yuk. If you send a "QRL" as an answer to a "QRL?" they're all confused as well. The rather lengthy "YES" on CW seems to quell them, though, but QRMs the frequency more than a "C." Oh well...what can ya do?

I digress. Some DX stations tune very closely to the noted frequency they say they're listening on. So, if a station sends an exact split frequency, such as "3788," that's where he'll likely be listening, on 3.788 MHz. Others use the "up three" or "up five" as a ballpark frequency, and then tune from there. Big Time DXpeditions can generate pileups measuring tens of kilohertz across!

For these big pileups, I try to discern how the DX station op is tuning. Is he working the pileup in a certain manner? Is he/she tuning down through it, and then up (I've observed this many times--by listening to both sides of a string of exchanges)? Is the DX op working only the edges of a pileup? Is he favoring a given frequency?

As for CW sending speed, that's also a matter of variability John. Some calling stations seem to have more success sending their own calls to the DX station at slow speeds. Perhaps that comes through better in a noisy pile-up situation. On the other hand, I've observed that a staccato QRQ call will often get through a messy snarl of RF.

Remember, the objective of some DX ops is to log as many stations as possible, so he/she may be sending with an auto-keyer at a fast rate, but listening to all calls, fast or slow. I don't think a "QRS" will assist a DX op in these cases, however sending a "QRS" or "PSE QRS" seems very appropriate under marginal condx, say during a contest, or on bands such as 160 meters where weak signals and lots of QRN prevail.

Forgive me for venting my spleen, but there's yet another annoying thing some ops do to "help" the split DX situation, especially when working CW. They park on the DX frequency and send "over" (SSB) or two dits, ostensibly to "assist" the receiving stateside op to know when the DX turned it over (apparently these self-anointed DX Policemen have the best receivers and antennas of anyone, and can always hear the DX, and assume nobody else can hear the DX as well as they are hearing it). The problem is that some of us like to turn AGC off, in order to get around the effects of atmospheric noise. Imagine what a loud stateside "dit" does to your eardrums if you have AGC off and your volume and RF gain controls are adjusted so you can hear a weak DX signal at, or under, the noise!

As you can see, all of this is largely a matter of experience. Observation and intuition are the keys to success. Luck helps. The old adage listen,

listen, listen really goes a long way.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of John Paul Dooley

Sent: Thursday, March 23, 2000 5:43 PM

To: Low Power Amateur Radio Discussion

Subject: What's the procedure? And all the other stuff-

Wait up guys! I've been wanting to work some contests and maybe a rare DX sta. -Everything is moving very fast! A few questions to those seasoned veterans who would be willing to give some welcome pointers: Is there a set rule as to whether a DX station will be listening a few Khz up or down from where he is calling? In what respect would this benefit me calling for a DX station?

Also, if a contester, or anyone for that matter is calling CQ and he is just too darn fast with the fist and you don't get the complete call, (Or much of anything) is it OK to just jump in there and send QRS and your call? (or just QRS?) Let me know how you handled your first itchy scratchy try at a successful exchange, when you were the rookie and really wanted to interact appropriately and gentlemanly, yet everything seemed to be moving just a wee bit too fast for the format. Thank you for your reply(s)

-73 from the high desert of Southern Ca.!

John Paul Dooley W6ZIP

Victorville, Ca.

Date: Fri, 24 Mar 2000 09:43:05 -0600

From: "George T. Baker" <w5yr@att.net>

To: nkennedy@tcainternet.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [66438] Re: What is NVIS?

Message-ID: <38DB8D09.932FBA24@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

They work!

I have an occasional QRO SSB (double ough!) roundtable with stations in Iowa, Alabama, and a local (all old friends) about 15 miles away. With a low (20 ft) full-wave horizontal loop, the local (about 1000 watts output) is S9+30-35 db and on a low (25 ft) dipole is S9 or less. The other stations copy about the same with either antenna, although the Iowa station is a couple of S units stronger on the loop. On a vertical, the local is in the noise.

Wouldn't be without one!

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Nick Kennedy wrote:

> So, if a bunch of guys in a club living in a 10 mile circle all build
> little bitty QRP rigs and want to work each other ... would a low (NVIS)
> dipole be the answer?

Date: Fri, 24 Mar 2000 10:39:50 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>, "David Benson NN1G" <nn1g@earthlink.net>
Subject: [66439] Re: Kits: Another Small Wonder...
Message-ID: <001201bf95a7\$3602e660\$c259accf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of the antennas that will be in operation at Atlanticon will be the NorCal Doublet, sitting on top of the Black Widow 20' collapsible fiberglass pole, sitting in a Gummer Tip-Over Antenna Base.

BTW, the antenna base mentioned above is the one featured as the "Gummer's Gizmos" section of QRP Homebrewer this issue. We have 25 of these antenna bases kitted up and available for sale at the NJQRP table this weekend.

73, George N2APB

<http://www.njqrp.org/atlanticon/>

----- Original Message -----

If you're joining the 'doings' at Atlanticon this weekend, I'll have the transceiver set up at the Saturday evening hospitality suite. Antenna situation permitting, we'll be on the air for some live QSOs. I'll also have an audio tape along in case we can't connect to a good RF spigot. :-)

Date: Fri, 24 Mar 2000 08:45:00 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: bgeipel@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66440] Re: No partial calls anymore
Message-ID: <38DB8D7C.69311C63@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think you are required to ID when you first transmit, and then the ten-minute rule kicks in.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2/#591 SOC #14

Date: Fri, 24 Mar 2000 08:51:59 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [66441] Re: Psssk! Another Small Wonder...
Message-ID: <20000324085158.E4962@primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

It looks pretty interesting, but I get the impression (from both Dave's web site and the "official psk31 homepage" <<http://aintel.bi.ehu.es/psk31.html>>) that it will work only with DigiPan software. Is that correct? I'd definitely be interested if I could use it with one of the Linux PSK31 implementations.

Bob, N7XY

p.s.: I like your call, Ed.

On Fri, Mar 24, 2000 at 03:30:33AM -0500, Ed Tanton wrote:

> For those of you interested in Digital Modes, Dave Benson has a neat looking
> new PSK-31 transceiver on his website:

> http://smallwonderlabs.com/swl_psk31.html . A derivative of the April 97 QST
> SSB xcvr design, the xcvr is crystal controlled, and covers the
> 14.0695-14.073 segment of 20M where most of the PSK31 activity is found
> (partially quoting from Dave's 'page). It is 3W out, and connects to your
> PC's soundcard. It only has 4 toroids to wind, and requires the usual
> Benson-design minimal adjustments. Price for the kit less cabinet looks like
> ~\$100, with \$30 more for a cabinet. Looks very interesting!!!

>

> The usual disclaimers apply... Dave doesn't even know I'm writing this. The
> intended production date is April 2000.

>

> Ed Tanton N4XY <n4xy@arrl.net>

>

> Website: www.qsl.net/n4xy

>

> "Do what's right. You'll please some people, and amaze everyone else."

>

> Mark Twain

>

--

Bob Nielsen, N7XY (RN2)

nielsen@primenet.com

Tucson, AZ DM42nh QRP-L #1985 SOC #77

<http://www.primenet.com/~nielsen>

Date: Fri, 24 Mar 2000 10:52:38 -0500

From: hamjoel@juno.com

To: qrp-l@lehigh.edu

Subject: [66442] Wire/Rope ant

Message-ID: <20000324.105548.-217335.1.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

high Y'all once meaux

I think I figured out how to whip the multi element sag problem... right now I am using only a driven element and a director.... however in a few minutes I will attempt to add another director to my forty meter w/r delight hanging in the trees...

if so I will have .1 and .15 spacing... Then I can fix up the twenty meter ant and hoist it into the air... but that will be for later...

Till then ur prayers for this displace cajun lad and his ant would be appreciated... the sneaux is almost gone and all is mud or rotten

sneaux...
Joel KE1LA
In Maine
thinking antenna...

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 24 Mar 2000 10:52:27 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [66443] Wire / Rope Ant:
Message-ID: <20000324.105548.-217335.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Oh JOy.... DO a happy dance with me...

I have answered my own question.... a driver and two directors do work
and work fine...

despite the trees spitting small branches at me I got the 40 mtr yagi
down and added a third element... now I got three elements on forty with
a total ant length of 14ft +21ft or 35 fouts... oh joy...

and the elements are tight....what I did... sneaky me... I put the
driver on one end and stretched it out... the first director is two foot
shorter on each end so I connected each end directly to the support rope
si the first director is pulling the support rope in two fouts on each
side.... then I added 7 fouts of rope to each side of the second director
which is four fouts shorter than the driven element... but with the extra
rope the support is gonna be three feet farther out than the driven
element... given me tension on all three elements...

draw a picture and u will see...

Told u ideas happen... amazing...

Joel KE1LA
In Maine

The measurements
driven.... 66ft
spacing 14ft... or .1 wave
1st director 62ft
spacing 21ft or .15 wave
second director 58ft
HEIGHT OF ANT ...APPROX 45 FT
DIRECTION OF ANT SW.... TOWARDS LOUISIANA with a bit more towards
california...

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 24 Mar 2000 10:03:31 -0600
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@Lehigh.Edu
Cc: myetsko@insydesw.com
Subject: [66444] Re: No partial calls anymore
Message-ID: <200003241603.KAA06300@okcforum.org>

"Mike Yetsko" <myetsko@insydesw.com> posted:

> It might be a minor inconvenience, just throw your whole call
> out on your 'first' attempt', then the partial on all followups,
> and then adhere to the ID rules for time and final
> transmissions. It might 'clutter up' the band a bit, but
> if you really think about it, that's what you SHOULD have
> been doing all along!

Actually, it's not that simple.

First (minor) nitpick: There would be no need for the full call on the first attempt. (Contrary to what many people believe) FCC regulations do not require one to identify one's station upon an initial transmission. They only require one to identify at least once every 10 minutes, and upon a final transmission.

But that's not the main problem with your suggestion. The main problem is what happens when the communication fails, and the DX station or net control or whomever doesn't hear the station who called. Let's quote Riley Hollingsworth again, as reported by the article on the HandiHams Page:

: "The problem with identifying by the last two
: letters of the callsign is that if the station is
: not acknowledged and the contact made with the DX
: station, then you have the station making a
: transmission, or maybe several transmissions,
: without a full identification." Hollingsworth

One might argue that in such cases, one could just go ahead and identify fully at the end of a 10 minute interval, or upon giving up. The problem with that scheme is that even though the net

control station or DX station can't hear you, plenty of others who are trying to participate in the net or work the DX may be able to hear you quite well...possibly even much better than they can hear those they are trying to communicate with. Your possible interference to them in such cases would also step afoul of FCC regulations. In some cases, you'd be able avoid any real interference, by for example making your full identification during a "QRZ?" opportunity, but you couldn't count on always having an opportunity of that sort in time to legally ID.

Not only during nets and chasing DX does this issue come up... quite often hams fail to consider the requirements for identification when participating in just about any sort of on-the-air group operation. Whenever one's transmission just may be one's final transmission, or one's last transmission before the 10-minute timer runs out, one should end that transmission with a full identification.

--Jim WB5UDE

Date: Fri, 24 Mar 2000 11:44:52 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: ai2q@ispchannel.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66445] Re: What's the procedure? And all the other stuff-
Message-ID: <38DBA993.BBFE88C9@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

AI2Q Alex wrote:

> Remember, the objective of some DX ops is to log as many stations as
> possible, so he/she may be sending with an auto-keyer at a fast rate, but
> listening to all calls, fast or slow. I don't think a "QRS" will assist a DX
> op in these cases, however sending a "QRS" or "PSE QRS" seems very
> appropriate under marginal condx, say during a contest, or on bands such as
> 160 meters where weak signals and lots of QRN prevail.

John, I agree with virtually all of the good advice in Alex's excellent post. The one exception, at least I think we may not be in complete agreement is that I would never send QRS unless I was actually in QSO with a station. You asked if it was acceptable to toss a QRS into the pileup when you couldn't copy the fast sending stations call in a contest. If there is no pileup, send qrs. He probably will slow down.

If there is a pileup I would say absolutely not for several reasons.

1) It's illegal. You should be sending your callsign. If all you send is QRS, FCC has no way to tell you that you have a harmonic interfering with another service. In a pileup you have no guarantee that you will ever work the dx and give your complete call which is required by FCC rules.

2) If the station is sending at high speed its because he is trying to get the maximum number of contacts in the shortest time. Sending qrs is not helping him in this process unless no one else is answering him. then it will be worth his while to slow down, identify and ask who you are.

3) Tossing a QRS into a pileup is rude to all of the other stations that are trying to work the dx. You are just adding to the qrm. Unless the dx op has a warm heart for new ops, he will probably ignore the QRS and look for a callsign that he can answer.

As an alternate to QRS, I would suggest doing the following, LISTEN, LiSTEN, and LISTEN some more. Pick up a character here, a character there, and pretty soon you have the complete call. Also its likely that every ten minutes or so he will probably slow down, give his call a couple of times, give his qsl information and then turn the speed back up and go qrz.

If he's too fast to pick it up character by character, you might want to invest in a two speed tape recorder or digital recording device and record at the fast speed and play back at a slower speed.

Good luck with the DX,
73 de Dave, N0IT

Date: Fri, 24 Mar 2000 10:48:33 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: bgeipel@primenet.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66446] Re: No partial calls anymore
Message-ID: <38DBAA71.72A2A1F8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Right.....I found it after I posted..then sent the correct info.

Tnx/72...Roger
--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Fri, 24 Mar 2000 11:22:34 -0500
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: <bgeipel@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [66447] Re: No partial calls anymore
Message-ID: <006701bf95ad\$418b6b00\$9f451b3f@win98>

Ya know, I have supported Riley for the last couple years, because he has done a LOT of good for our Hobby. Most notably, he's taken some REALLY bad apples off the air and slapped them in place with a nice hefty fine.

But I have to ask the question. "Riley, OM, how can you defend an undefendable position?"

In every text and test I have EVER written, it has been stated that Part 97 only requires Identification every 10 minutes during AS WELL AS at the end of a QSO. And so now, I ask and challenge anyone to show me otherwise.

No, I'm not trying to be combative, but if we're going to defend something, let's have the means, the ammunition and the grounds upon which to base a stand, OK? The way this looks is Riley is saying, "because I told you so!" and that just doesn't cut it in today's society. He must use the contents of Part 97, in their entirety. If he doesn't agree with a practice, he cannot simply slap our hands and tell us "bad boy".

Nuff Said,
Erv W8ERV

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #236 - Worked All
El Paso #033/1999 - Member, MI DX Assn. - Member, MI QRP Club

Date: Fri, 24 Mar 2000 09:26:54 -0800
From: Jim/Julia <w7ls@blarg.net>

To: nkennedy@tcainternet.com, qrp-1@lehigh.edu
Subject: [66448] Re: What is NVIS?
Message-ID: <38DBA55E.EAA9BBF3@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, Nick. I have tested the Pixie 2 at ranges from zero out to 165 miles on 80 meters, using a standard length (468/F) dipole, hung in the bushes, with the normal power of 150 mW. Every time I've tried it, it worked well. It wasn't just readable, but was quite readable.

Two interesting things, here: One, the dipole should be made from insulated wire, if you are going to have it hang on bushes, especially wet ones. An uninsulated wire will short out, especially out at the far ends of the dipole, where the impedance is rising to kilo-ohms. Two, the low dipole (chest-high) is insensitive to low angle radiation, which includes the bulk of the manmade and natural noise. Hence, it is a very quiet antenna. Normally, you put up the antenna, turn the rig on, and hear nothing. You frown in disappointment, because you normally hear noise. You think something is wrong with the radio or the band is dead. Not so. Wait until your friend comes on the band and whamo! Comes through like an intercom. What's important is the signal to noise ratio, not just the absolute signal strength.

In sum, yes. A Pixie will work just dandy for local communications. Jim W7LS

Nick Kennedy wrote:

> Boy! When I was a kid and put all my dipoles up about 15 feet high, I
> didn't know I was being so Hi-Tech! I thought (later) I was just being a
> teenaged knucklehead.

>

> Just kidding. It sounds like a fun thing to mess with.

>

> So, if a bunch of guys in a club living in a 10 mile circle all build
> little bitty QRP rigs and want to work each other ... would a low (NVIS)
> dipole be the answer? Does a PIXIE have enough power to work in the
> straight up/straight down mode?

>

> 72,

>

> Nick, WA5BDU

>

> -----Original Message-----

> From: Victor Blackwell [SMTP:victor@breynet.com]

>

> NVIS = Near Vertical Incident Skywave

>

> Come and join in. Great with qrp. It really works.
> www.onelist.com/group/NVIS-Design

Date: Fri, 24 Mar 2000 09:39:34 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66449] Re: No partial calls anymore
Message-ID: <006401bf95b7\$ec4d35a0\$e5424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Gary Lee Phillips <ka9nzi@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, March 24, 2000 6:42 AM
Subject: No partial calls anymore

> This issue, which he has raised
> several times, is all but unenforceable in the context in
> which he has placed it.
>
> When a workable alternative is proposed and accepted, I will follow
> it...

I thought that a law should be obeyed because it is the law!

I've primarily CW op for 50 years, and see no real advantage to
sending partial call signs. Yes, it *may* speed things up
marginally, but it is, after all, just a hobby, not a matter
of life and death.

73,

John, K6QQ

Date: Fri, 24 Mar 2000 08:30:42 -0800
From: "Barry L. Geipel AD6HR" <bgeipel@primenet.com>

To: <n7kt@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66450] Re: No partial calls anymore
Message-ID: <00de01bf95ae\$4cc3c610\$cbc9bbc0@cwil.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

97.119 Station identification.

(a) Each amateur station, except a space station or telecommand station, must transmit its assigned call sign on its transmitting channel at the end of each communication, and at least every ten minutes during a communication, for the purpose of clearly making the source of the transmissions from the station known to those receiving the transmissions. No station may transmit unidentified communications or signals, or transmit as the station call sign, any call sign not authorized to the station.

There is NO requirement to transmit your call until 10 minutes into the QS0. Common courtesy dictates that you should.

Barry AD6HR

----- Original Message -----

From: "Roger Hightower" <n7kt@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, March 24, 2000 7:45 AM
Subject: Re: No partial calls anymore

> I think you are required to ID when you first transmit, and then the
> ten-minute rule kicks in.
> --
> 72.....Roger
>
> Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14
>

Date: Fri, 24 Mar 2000 13:06:10 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [66451] OP: KF2PH? Maybe Not
Message-ID: <698DB793D712D31180B600902746422DFB464C@exchange01.bnl.gov>
MIME-Version: 1.0

Content-Type: text/plain;
charset="windows-1252"

Well I think my callsign just got changed. I keep messing up the "H" at the end and so do many others I talk to on the air. I even send a "5" many times unless I have it in the memory keyer (which I rarely use). So after my call appeared erroneously on a Fox Log as "KF2P" I figured, "hey, why not just shorten it?" So I send in a Vanity form and schedule D with only KF2P listed as a choice. I figured either I'd get that call or stay with my established one.

Guess what?? I just checked the ULS Application Status and it shows "G" in the status code, which the legend indicates as Granted. I think that means my call will be officially changed to KF2P. Now I don't what to do :-(My license plates have to change, my memberships, my ID pins, heck even my wife-made QRP hat. I almost didn't think I would really get the request :-)

I don't know if I can use it yet, but I have a lot of stuff I have to look into now. I have to print up new QSL's too! I guess I have to contact Jim to have my new call associated with my same QRP-L number too. I wouldn't want to loose lucky "13." I'm proud of that number.

Have a great weekend all. Just want to share the pending news.

PS: If you say my call fast it sounds like an Indian name for "I have to pee" - KF2P - Hmmm! Good thing I only work CW :-)

--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator Collider-Accelerator Department
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-2833 Ham Call: KF2PH
<mailto:nickf@bnl.gov> <http://www.rhichome.bnl.gov/People/franco>

Date: Fri, 24 Mar 2000 18:22:27 -0000
From: "Andy GM0NWI" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [66452] QRP-L No. .. Do I Have One...?
Message-ID: <000701bf95bd\$eb55f5a0\$d318ac3e@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guy`s...

Saw a postin` to the list here from a guy who states
that he has a QRP-L number..??

Don`t really know if it`s just that I`m not american
(shame that really...)... but when I joined I did have
a bit of problem with bein` new to the net and signing
onto list etc.... that I evidentially never got a number
AS FAR AS I KNOW.....

Now I will (sit corrected.....I`m physically handicapped
in a wheelchair)... if I am wrong, but really would like
to put this inomally right if there is a descression.....
however small ... it is important to me...

Can someone point out where I went wrong (If I did) and
how to go about correcting it....

Not got any numbers after my name....only the privilage
of my call which is good enough... but if this makes me
feel/seem more importantWELL..

Thanks for the bandwidth... hope I`ve not upset anyone..

72s de Andy gm0nwi@tesco.net
GM0NWI
"Long Live QRP...!"
GQRP No.9576
ICQ No. 31899603

Date: Fri, 24 Mar 2000 12:53:52 -0600
From: George F Franklin <w0av@juno.com>
To: bgeipel@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [66453] Re: No partial calls anymore
Message-ID: <20000324.125353.-9413.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Brad,

Does it say anywhere in the regs that you must identify on the same
frequency as your earlier transmission?

Something to think about.

72/73/74 de George/W0AV

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Fri, 24 Mar 2000 11:56:38 -0500

From: "Victor Blackwell" <victor@brecnet.com>

To: <nkennedy@tcainternet.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [66454] Re: What is NVIS?

Message-ID: <[004601bf95b1\\$ec85b980\\$3d5730d1@pavilion](mailto:004601bf95b1$ec85b980$3d5730d1@pavilion)>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

NVIS is a lot more than an antenna or method of installing an antenna. It has a lot to do with freq. management and a good knowledge of propagation and which side of the Critical Frequency to be successful. NVIS, I think has been overlooked because hams think in terms of working DX. So we learn DX antennas, DX propagation. etc.. but fail in to provide local (0 to 300 miles) communications. Which is what is needed for emergency and point-to-point communications. With the same amount of power you run with a two meter handheld you can cover a 600 miles circle with stronger signals, without a skip zone.

Join in, impress yourself. The military is already impressed.

Vic AD8K

>

>So, if a bunch of guys in a club living in a 10 mile circle all build
>little bitty QRP rigs and want to work each other ... would a low (NVIS)
>dipole be the answer? Does a PIXIE have enough power to work in the
>straight up/straight down mode?

>

>>Come and join in. Great with qrp. It really works.

>www.onelist.com/group/NVIS-Design

>

>

Date: Fri, 24 Mar 2000 11:57:51 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [66455] Fw: What is NVIS?
Message-ID: <004f01bf95b2\$17cd21a0\$3d5730d1@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Victor Blackwell <victor@brecnet.com>
To: nkennedy@tcainternet.com <nkennedy@tcainternet.com>; Low Power Amateur
Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, March 24, 2000 11:56 AM
Subject: Re: What is NVIS?

>NVIS is a lot more than an antenna or method of installing an antenna. It
>has a lot to do with freq. management and a good knowledge of propagation
>and which side of the Critical Frequency to be successful. NVIS, I think
>has been overlooked because hams think in terms of working DX. So we learn
>DX antennas, DX propagation. etc.. but fail in to provide local (0 to 300
>miles) communications. Which is what is needed for emergency and
>point-to-point communications. With the same amount of power you run with
>a
>two meter handheld you can cover a 600 miles circle with stronger signals,
>without a skip zone.

>

>Join in, impress yourself. The military is already impressed.

>

>Vic AD8K

>

>

>>

>>So, if a bunch of guys in a club living in a 10 mile circle all build
>>little bitty QRP rigs and want to work each other ... would a low (NVIS)
>>dipole be the answer? Does a PIXIE have enough power to work in the
>>straight up/straight down mode?

>>

>>>Come and join in. Great with qrp. It really works.

>>www.onelist.com/group/NVIS-Design

>>
>>
>

Date: Fri, 24 Mar 2000 14:37:37 -0500
From: sdk@worldpath.net
To: qrp-l@Lehigh.EDU
Subject: [66456] Partial calls.
Message-ID: <3.0.5.32.20000324143737.007c3ca0@worldpath.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I see parts of Part 97 being quoted here and they all seem to refer to Station ID however (and I'm no lawyer), Yes, You may win your argument regarding 10 minute station ID requirements but you will probably lose when Riley comes back and says "Yes, and you called "dx station X" with a partial call 12 times and did not complete a qso, nor did you ever, in that set of transmissions, send a complete callsign. Therefore you made 12 unidentified transmissions."

I think you might lose on that one. Just my two cents on the whole matter.

Scott -W1STS

Date: Fri, 24 Mar 2000 19:26:14 -0000
From: "Andy GM0NWI" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [66457] A` GOT MA No.. if you need it...
Message-ID: <003a01bf95c6\$ebc54320\$d318ac3e@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guy`s.....

That was LIGHTNING quick...
got my new QRP-L no...in a flash...

It's 2165 for all of you outhere that
want to know more about me than is
healthy...!!

GREAT.... feel almost complete now..

just need to get my passport changed
and I'll be "one of the boy's"...

Or do I make the grade..?

72s Andy

Date: Fri, 24 Mar 2000 14:55:26 -0500 (EST)
From: "John L. Sielke" <n4js@pobox.com>
To: njqrp@njqrp.org, qrp-l@lehigh.edu
Subject: [66458] Atlanticon Ho!
Message-ID: <XFMail.000324145526.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Since I only live about 45 minutes from Atlanticon, I plan to leave about 6AM,
and hit the breakfast buffet there. I'll stay all day and evening, and come
home late. I'm bringing along the K2 with all the options, as well as my
"Super" Sierra with the DL-QRP amp installed. See ya'll there!

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
//_/_/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781
Elecraft K2 #00023

Date: Fri, 24 Mar 2000 14:06:39 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [66459] Re: ArkieCon from NE, IA, MO
Message-ID: <009401bf95cc\$77fd01c0\$abc9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking to share a ride from SW Missouri. I prefer not to drive but will if
I have to. I can help pay for gas and lodging if somebody is headed there
through SW Missouri. I know of one other ham in the area that wants to go.
I can meet in Springfield or Joplin... at your convenience. Please contact

me. Thank you,

Kelly Ellison

WB0WQS

Aurora Missouri. Near I44 or HWY 60.

----- Original Message -----

From: Darrel Swenson <darrel_kb0awb@tcon1.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, March 23, 2000 6:54 PM

Subject: Re: ArkieCon from NE, IA, MO

> Jay Bromley wrote:

>

> > Darrel, please put a post out on QRP-L and ask if there are some of those

> > Iowa, Ne, QRPers that want to come down with you. You might be surprised!

>

Date: Fri, 24 Mar 2000 15:06:16 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: QRP-L@lehigh.edu

Subject: [66460] Re: No partial calls anymore

Message-ID: <38DBCAB8.10C7@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Guys,

I have been following this thread for a couple of days now, and have even contributed to it in private. However, I see a small problem here. A lot of us are jumping on the debate as 'jailhouse lawyers', repeating the law and saying the FCC does not have any reason or purpose here.

While I agree with you that the law says 'every 10 minutes and at the end of the transmission', I also remember an older time when the law required you to identify every time you pressed the key, and also to log every squeak from your transmitter.

Why don't we drop this until Riley becomes a little clearer about what he wants, lest we take a step backward to 1956 because we're shouting so much? Riley apparently thinks it is a big problem with the orderliness of our service. For someone who has praised our service as being one of the best regulated around, that's pretty high praise!

73

Date: Fri, 24 Mar 2000 15:08:15 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Andy GM0NWI <Gm0nwi@tesco.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66461] Bi-weekly Reminder Re: QRP-L No. .. Do I Have One...?
Message-ID: <Pine.OSF.4.21.0003241431550.14067-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 24 Mar 2000, Andy GM0NWI wrote:

> Can someone point out where I went wrong (If I did) and
> how to go about correcting it....

QRP-L Helpfiles are found here...

<<http://www.acs.oakland.edu/~prvalko/qrp1c.htm>>

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 24 Mar 2000 15:15:04 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66462] Re: What is NVIS?
Message-ID: <38DB8678.F29ED6DE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Victor Blackwell wrote:

>

> NVIS is a lot more than an antenna or method of installing an antenna.
>
> Join in, impress yourself. The military is already impressed.

The scientific field parties I equipped in Antarctica were also impressed.
The only time a comm sched was missed was when the scientist forgot the time
and checked in one hour late.

michael N6CHV (RO on RV Hero, 1984-85)

Date: Fri, 24 Mar 2000 12:17:39 PST
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [66463] Forums: ArkieCon Freebies and Kit Testdrive
Message-ID: <20000324201739.32400.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, wanted to let you know some more information about Arkiecon and the
freebies you will receive if you attend. First of all, everyone who
preregisters gets one of those neat heavy duty laminated name and call sign
badges done by Jerry Parker, WA6OWR. Thanks for the help Jerry, not only do
you do a fantastic job with the NorCal page, but you are always willing to
step forward and help out with the behind the scenes work at QRP Forums.

Also, everyone who preregisters (you go to the Norcal Web Page at

<http://www.fix.net/norcal.html>

will get an extra ticket to put in the prize drawing. You will double your
chances of winning!! The guys that don't preregister will only get one
ticket!! So stop by the NorCal page and get on the list.

Also, I have made up some special ARKIECON 2000 QRP LOG BOOKS that I will be
giving away during my talk. I have 100 of them made up, they have 50 pages,
and are 13.97 Cm wide by 10.79 Cm long (that is 5.5" x 4.25" for you
metrically challenged guys, grin). They are bound with the wire type
bindings and can be folded over on itself. The handy part of this log is
that the pages are printed on one side only, so you can use the back of the
previous pages to take notes as you copy. There is room for 12 qso's per
page, with the following columns: Date, UTC (Start/End), Frequency, Station
Worked, RST Sent, RST Rec., and Notes. Neat size, and just right to take to
the field when you operate in all of those QRP to the Field contests.

And, the most important thing of all, the QRP Forum and the Open House
Saturday night are absolutely free!! This is the result of the support that

QRPers gave by buying the VE3DNL Marker Generator kits. JayBob did them as a fundraiser, and he was able to fly in a great list of speakers, organize the forum, buy a neat grand prize, and do all of the things necessary to make it happen.

Saturday night, the guys have come up with something really neat. Dave Gauding and Jim Duffey will be two of the speakers, and Jay, Keith Newman, Kelsey, Royce and Win were sitting around trying to think of a fun activity that would be new and special for Arkiecon. They decided to make use of the guys' antenna knowledge, and will set up several of the portable antennas that Dave and Jim will talk about during their forum talks. If you are there, you will get the chance to try these antennas on the air. The proof is in the pudding, and there is no better test of an antenna than getting on the air, after all, that is the ultimate purpose. The guys even went a step farther. They will have examples of as many current production kits as possible for you to operate. So far, they have the following rigs:

Red Hot Radio NC20
Red Hot Radio Red Hot 40
Emtech NW Series 40
Small Wonder Labs SW40+
Small Wonder Labs DSW40
NorCal SMK-1

They are trying to get the rest of the rigs and will be contacting OHR, Wilderness Radio and others for examples. It would be neat to add the SST, NorCal 40A, Sierra, and OHR rigs to the list. The guys will make every effort to have as many of the kits there for you to spin the knobs, make a qso, compare, etc.

All of the speakers, Chuck Adams, Paul Harden, Doug Hendricks, Glen Leinweber, Dave Gauding and Jim "Dr. Megacycle" Duffey will be there Saturday night to talk one-on-one with about your favorite QRP question. (We might have to drag Duffey out of the local Bar-B-Cue spot, as he is a fanatic at bar-b-cue).

Fort Smith is easy to get to. It is right on I-40, and the guys have made arrangements for QRPers to get a fantastic rate of \$42 at a really nice motel. That is the bargain of the QRP Forum circuit. Why not make plans to come to Ft. Smith on April the 8th, spend the day with us, get a motel room, and stay the night so you can share in the best part of a QRP Forum, the Qrp Open House Saturday night. I understand that there are several of the baja Kansas boys coming over, world famous QRP author JayBob Bromley does want to remind them that they must check their guns at the border. Hanging Judge Kelsey is one tough dude on qrpers!! I see that there are several from baja Kansas registered but not too many from Kansas. Guys, get registered, plan on making the trip. This one is gonna be so much fun, that you will remember it forever. Two weeks from this weekend, it is show time in

Arkansas. ArkieCon the second jewel in the QRP Forum Crown!! See you there.

If the wife complains, promise to take her to visit her mother the next weekend. Or, take her shopping, do a couple of those honey dos that you have been putting off, whatever it takes, just be nice to her so you can get away.

72, Doug, KI6DS

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 24 Mar 2000 13:45:09 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [66464] Re: Partial calls.
Message-ID: <00df01bf95c9\$7671d540\$356840ce@outtown.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Probably so. I reckon that as long as we give our full call once every 10 minutes while trying to bust a pileup, then we're in compliance even if we don't break through to have a QSO.

73,
KC5ADF
Bill Allen

----- Original Message -----

From: <sdk@worldpath.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, March 24, 2000 1:37 PM
Subject: Partial calls.

> I see parts of Part 97 being quoted here and they all seem to refer to
> Station ID however (and I'm no lawyer), Yes, You may win your argument
> regarding 10 minute station ID requirements but you will probably lose
> when Riley comes back and says "Yes, and you called "dx station X" with a
> partial call 12 times and did not complete a qso, nor did you ever, in
that
> set of transmissions, send a complete callsign. Therefore you made 12
> unidentified transmissions."

> I think you might lose on that one. Just my two cents on the whole matter.
>
> Scott -W1STS

Date: Fri, 24 Mar 2000 15:29:32 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Bruce Muscolino <w6toy@erols.com>
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [66465] Re: Bi-weekly Reminder Re: QRP-L No. .. Do I Have One...?
Message-ID: <Pine.OSF.4.21.0003241526420.14067-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 24 Mar 2000, Bruce Muscolino wrote:

> > QRP-L Helpfiles are found here...
> >
> > <<http://www.acs.oakland.edu/~prvalko/qrp-lc.htm>>
> >
>
> Are the archives here too?

You'll be one level below the archives. Go to my main website (in sigfile) and click on QRP-L Archives in the banner on the top of the page.

Some of you may get a kick out of the new "Voice of the People" page, also available on my main page through a banner.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 24 Mar 2000 14:39:30 -0600
From: "V.C. Angell" <angell@pop3.spacestar.net>
To: qrp-l@Lehigh.EDU
Subject: [66466] Help with list
Message-ID: <v04220806b501817b6b71@[206.191.232.126]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I went to post a question and got an error message, " You are not subscribed to qrp-1@Lehigh.EDU." My ISP was bought by another and my email address changed (the new ISP forwarded mail for the old address automatically), so I tried to trick the list by going into my email program and changing my return address. The list processor is smarter than me and I still got the error message, so I subscribed again. My problem is I now get two digests each day. How do I get rid of the old one, angell@northernnet.com?

72,

"VC" KCOEM

V.C. Angell

<http://www.jewelry-magick.com>

Jewelry with a secret

Date: Fri, 24 Mar 2000 12:39:03 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [66467] WTB:Vibroplex Blue Racer Bug
Message-ID: <20000324203903.23100.qmail@web2101.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,

Just wanted to put this out to the group. I am looking for a Vibroplex Blue Racer Deluxe Bug (the one that is all chrome with the red paddles). It is on a slimmer base than the "Original" model. Just wanted to put this out there and see if anyone has one that is in very good condition that they might want to part with. I understand they are not a "rare" item to find, but I have not recently seen one at any of the local swaps in CA. I believe they were manufactured between (approx.) 1953 and about 1965.

Thanks and 73,

Jack

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Fri, 24 Mar 2000 14:42:37 -0600
From: "V.C. Angell" <angell@pop3.spacestar.net>

To: qrp-1@Lehigh.EDU
Subject: [66468] project suggestions
Message-ID: <v04220807b5018353da46@[206.191.232.126]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I would like to do a group project for two different groups next fall. One would be a club project and for that I was thinking of something like the 'SW+' series so everyone would have a completed transceiver when the sessions ended. (I will be teaching electronics along with building the rig.) I was thinking of this series because it is a little less expensive than other kits. Does anyone have other suggestions?

The other group would be people seeking a ham license under the new Tech license. I was thinking perhaps just a receiver? I am open to any suggestions about kits here. The only limiting thing would be cost again.

Why not just e-mail me direct and save a bit of bandwidth.

72,
"VC" KCOEM
V.C. Angell
<http://www.jewelry-magick.com>
Jewelry with a secret

Date: Fri, 24 Mar 2000 16:24:32 -0500 (EST)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: "Barry L. Geipel AD6HR" <bgeipel@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66469] Re: No partial calls anymore
Message-ID: <Pine.BSI.4.05L.10003241620320.2338-1000000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 24 Mar 2000, Barry L. Geipel AD6HR wrote:

> 97.119 Station identification.
> (a) Each amateur station, except a space station or telecommand station,
> must transmit its assigned call sign on its transmitting channel at the end
> of each communication,

So ... let's assume I call the dx station and sign hr or hrn. I have communicated with him, to the extent that I transmitted. So, according to the rules above, I would have to sign hr de k3hrn.

Looking at it another way, if you tell me I didn't communicate because there was no answer, then I've just made an unidentified transmission.

> There is NO requirement to transmit your call until 10 minutes into the QSO.

Beg to differ, the rule you cited states "at the end of each communication."

73
thom

Date: Fri, 24 Mar 2000 15:29:22 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Subject: [66470] Car Pool ArkieCon list
Message-ID: <002801bf95d8\$05f9e140\$5e9b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Gang,
Here is the pre-registered list so far. Check out the names and see if any are near your area for a car-pool. Don't forget to pre-register at jparker@fix.net
You double your chances by pre-registering for the main prize----- Elecraft K2 with Vern Wright's PW-1 antenna. Must be present to win! For more info go the NorCal web-page at <http://www.fix.net/norcal.html> and click on ArkieCon.

Cu in a couple of weeks 73 de
w5jay..

p.s. Jerry I liked being lucky 13, grin!!!

Pre-registrations I have so far!

1. Doug Hendricks KI6DS
2. Chuck Adams K7QO
3. Paul Harden NA5N
4. Jim Duffey KK6MC
5. Glen Leinweber VE3DNL
6. David Gauding NF0R
7. Ed Roland AC5DC

8. Kelsey Mikel KK5KU
9. Keith Newman K5YCM
10. Royce Rainwater KE5TC
11. Win Dooley WB5KOM
12. Dennis Schaefer W5RZ
14. Jay Bromley W5JAY
15. Don Foster K5KW
16. Don Dorn K5AAR
17. Chuck Foley WB5EZV
18. Levi Taylor WA5WRN
19. John Rader KD5CNL
20. Ed Hern KD6CJD
21. Jimmy Poole KA5WRL
22. John Eddleman KC5JBY
23. Jim Habersetzer N5TKO
24. Nick Kennedy WA5BDU
25. Steve Gibbs K5OY
26. Bill Winscott N6CHA
27. Stan Ross K5VR
28. Steve Lowrey K5ATY
29. Mark Graves K500
30. Mose Howard KB5BV
31. Jerry Hawkins K5KBQ
32. John Lowny KD5GJB
33. Mark Clayton KC5IHY
34. Jerry Richards AB5SE
35. Curt Furtado KI5AK
36. Jim Crooke WB HQV
37. Randy Holden KD5IVV
38. Mark Hogan N50BC
39. Gary Harrison, K0BC
40. Carolyn Harrison, WB0OUM
41. Jim Glover WB5UDE
42. George Lee, KR5C
43. Jan
44. Lucy Dooley
45. Kathy Vines
46. Charles Hall KC5CVG
47. Clifton Sikes N5UW
48. Melissa Schaefer KI5QJ
49. Jim Johns KA0IQT
50. Mark Burton WB4TGB
51. Deborah Graves KB5VWN
52. J.W. (Dub) Thornton WA5YFY
53. Bill Schiller KJ5CI
54. Darrel Swenson KB0AWB
55. Jerry Hawkins K5KBQ <-----HEY, Dr. Megacycle check it out
Killer Barbeque!!!

56. Tom Stibal W0TJ
57. Sharon Stibal WA0AYI

Date: Fri, 24 Mar 2000 09:20:29 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: psykey@okcforum.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66471] Re: No partial calls anymore
Message-ID: <38DB95CD.FCAD62A7@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looks like Jim is right. Here it is from Part 97:

"Sec. 97.119 Station identification.

(a) Each amateur station, except a space station or telecommand station, must transmit its assigned call sign on its transmitting channel at the end of each communication, and at least every 10 minutes during a communication, for the purpose of clearly making the source of the transmissions from the station known to those receiving the transmissions. No station may transmit unidentified communications or signals, or transmit as the station call sign, any call sign not authorized to the station."

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Fri, 24 Mar 2000 16:58:37 -0800
From: Vince Werber <ka1iic@ime.net>
To: kg8l@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66472] Re: No partial calls anymore
Message-ID: <38DC0F3D.27DF@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mike and others;

This ID rule has been the law of the land since I've been in the hobby and it has been used by Riley to stop some of the "big bad boys" up here in the northeast also... I think Riley is doing a great job!

72 & 73
Vince
KA1IIC
AAT1AI
-.-.

Mike Besemer (KG8L) wrote:

>
> I'm not sure what all the hoo-ha is about. The requirement has been to I.D
> every 10 minutes and on the final transmission for ages. The reason that
> the FCC was worried is because of the DXers, nets, etc. where you throw in
> your suffix and wait to be acknowledged. If the DX station or net control
> acknowledges your call, you're good to go, but if not, you are still
> required to I.D. in 10 minutes. Face it...nobody was properly I.D.ing when
> they didn't get acknowledged...if they did, the frequency would be a bigger
> mess than it previously was! Riley just set the record straight on what
> already was supposed to be happening. Heck, if they can't win the big
> battles, at least let them have the small ones! It's the same way you train
> your kids (dogs, etc.). Works for me!
>
> (Guess this puts an end to the 'shave and a haircut' stuff at the end of a
> CW QSO too!!)
>
> 72/73,
>
> Mike
> KG8L/5
>
> (dit-dit)!

Date: Fri, 24 Mar 2000 16:58:30 -0500
From: Laura Halliday <va3ldh@sympatico.ca>
To: qrp-1@Lehigh.EDU
Subject: [66473] Re: HB: Low Phase Noise VFO
Message-ID: <38DBE506.87DBF2AE@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One note in a thread that has all but died while I was out of town for an interview...John Moriarity k6qq wrote:

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> (snip...)
> > Just for fun I did a survey of the commercial radios in my shack ...
> > Not one shows any issues relating to phase noise. All show effects due
> > to finite dynamic range...
>
> Again, you may not be aware of the problems unless the
> environment is stressful of the design.
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Other than the most important test ("does it actually receive anything?"), I've done the usual observations of changes (if any) in background noise in the vicinity of known-clean carriers. Local ones I generate myself with crystal oscillators, and ones others generate, like WWV. They sound fine to me.

--

Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

Date: Fri, 24 Mar 2000 17:06:11 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [66474] Particle Call
Message-ID: <002401bf95dd\$2adb7640\$575730d1@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Qrp or otherwise.

The station working DX has the problem of attracting the attention of the dx station and minimizing QRM. The concept of partial call has evolved into what it is today.

But what about the "two meter cowboys?" Partial calls, even no calls at all. I live in SW Ohio and some repeaters are real bad about this kind of operation. I regularly, when I use to listen, would hear station leaving the "W" of the front end. sounded like DX with a "T2" call. Another station, regularly, no call what so ever.

I call it sloppy, lazy, illegal operations.

I think a clean up job on the repeaters would be helpful for later on, if

the guys actually learned a little code and get on HF. I notice the EU and JA clubs have classes in how to QSO, instead of just passing a license exam. Sounds good to me. Be less trouble in the long run.

Vic AD8K Hamilton, Ohio

Date: Fri, 24 Mar 2000 17:26:06 -0500
From: "Richard Clemens" <clemens@wvwc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66475] QRP and Gel Cells
Message-ID: <001f01bf95df\$f9b07540\$ee8db03f@wvwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I notice a small Gel cell (12v 1.2 Ah) is not sufficient to power my DSW ~500 ma at full power. A larger Gel Cell increases the watts out to the maximum. Any suggestions on the size needed for a 1/2 amp draw?

--
Rich Clemens, KB8A0B
clemens@wvwc.edu

Date: Fri, 24 Mar 2000 17:49:33 EST
From: Kg2jff@aol.com
To: qrp-1@lehigh.edu
Subject: [66476] WTB: 30 and 15 meter rigs
Message-ID: <15.22d7dd3.260d4afd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Looking to find working qrp rigs for 30 and 15 meters. I would prefer the MFJ 90xx series as I am most familiar with them but I am open to what is out there.

Must be in very good to excellent condition. If you have something you would like to part with, please e-mail me direct.....thanks in advance, Jerry kg2jff

Date: Fri, 24 Mar 2000 15:57:29 -0700
From: carlos.caro@lmco.com
To: qrp-l@Lehigh.EDU, bgeipel@primenet.com
Subject: [66477] RE: No partial calls anymore
Message-ID: <D0A28D7EFEB4D11181DE0000F80627BB023A46CF@emss02m14.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

Re-read the last sentence !! A partial call sign is NOT your assigned or authorized id.

Regards, Carlos #1333

Date: Fri, 24 Mar 2000 18:32:24 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <carlos.caro@lmco.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [66478] Re: No partial calls anymore
Message-ID: <002801bf95e9\$86506ec0\$75fafea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

But WHO CARES if it's your assigned or authorized ID...

"IF" is it NOT given at a time when that ID is REQUIRED. So if you give the REQUIRED ID at the times that it IS required, then it DOESN'T MATTER at other times!

Mike

>Re-read the last sentence !! A partial call sign is NOT your assigned or
>authorized id.
>
>Regards, Carlos #1333

End of QRP-L Digest 1770
